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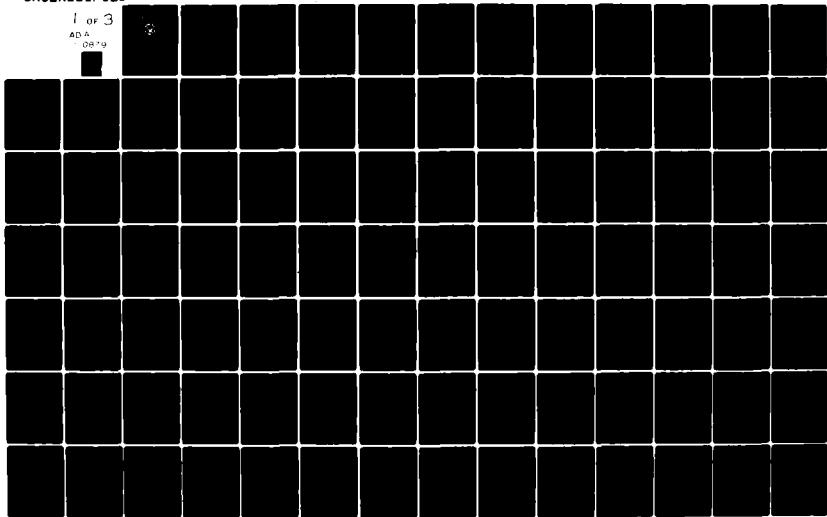
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THESIS

PRE-CONSOLIDATION SUPPLY DEMAND PATTERNS
OF NARF NORTH ISLAND
AND LOCAL CUSTOMERS OF THE
NAVAL SUPPLY CENTER SAN DIEGO

by

James M. Robertson

September 1981

Thesis Advisor:

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Pre-Consolidation Supply Demand Patterns
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Naval Supply Center San Diego

by

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Lieutenant Commander, Supply Corps, United States Navy
B.B.A., Southern Methodist University, 1970

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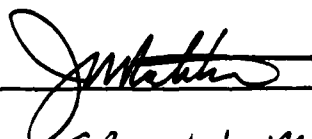
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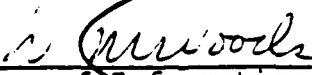
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ABSTRACT

On October 1, 1980 the wholesale supply function of the Naval Air Station, North Island (NAS) was consolidated with that of the Naval Supply Center, San Diego (NSC) according to the recommendation of a Department of Defense Material Distribution System study. This thesis discusses the implementation philosophy of the consolidation and identifies the local customers of the NSC. A baseline of information that documents the preconsolidation supply requirements of the NSC's new major customer, the Naval Air Rework Facility, North Island (NARF) and other local customers is presented. A list of items which are logical candidates for stock in a Ready Supply Store at the NARF and in the automated Navy Integrated Storage Tracking and Retrieval (NISTARS) warehouse at the NSC is developed. The information provided will facilitate improvement of material warehousing and distribution systems at the NSC and establish a basis for measurement of changes in customer service caused by the consolidation.

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ACRONYMS AND ABBREVIATIONS

AD	Destroyer Tender
APA	Appropriated Purchases Account
AR	Repair Ship
AS	Submarine Tender
ASO	Aviation Supply Office, Philadelphia, Pennsylvania
AUTODIN	Automatic Digital Network
COG	Material Cognizance Symbol
CLAMP	Closed Loop Aeronautical Maintenance Program
DAAS	Defense Automatic Addressing System
DCSC	Defense Construction Supply Center
DESC	Defense Electronic Supply Center, Dayton, Ohio
DGSC	Defense General Supply Center
DHF	Demand History File
DISC	Defense Industrial Supply Center
DLA	Defense Logistics Agency, Cameron Station, Virginia
DoD	Department of Defense
DODMDS	Department of Defense Material Distribution System
DPSC	Defense Personnel Support System
FMSO	Fleet Material Support Office, Mechanicsburg, Pennsylvania
F/AD	Force/Activity Designator
GSA	General Services Administration, Washington, D.C.
ICP	Inventory Control Point
IPG	Issue Priority Group
MCA	Marine Corps Logistics Support Base, Albany

MILSTRIP	Military Standard Requisitioning and Issuing Procedure
NARF	Naval Air Rework Facility, North Island
NAS	Naval Air Station, North Island
NAVAIR	Naval Air Systems Command, Washington, D.C.
NAVELEX	Naval Electronic Systems Command, Washington, D.C.
NAVMAT	Naval Material Command, Washington, D.C.
NAVMTO	Navy Material Transportation Office
NAVSEA	Naval Sea Systems Command, Washington, D.C.
NAVSUP	Naval Supply Systems Command, Washington, D.C.
NISTARS	Navy Integrated Storage Tracking and Retrieval System
NRFI	Not Ready For Issue
NSA	Navy Stock Account
NSC	Naval Supply Center, San Diego, California
NSN	National Stock Number
OCR	Optical Character Recognition
POE	Point of Entry
SER	Shore Establishment Realignment
SPCC	Ships Parts Control Center, Mechanicsburg, Pennsylvania
TIR	Transaction Item Reporting
UADPS	Uniform Automated Data Processing System
UIC	Unit Identification Code
UND	Urgency of Need Designator
USAF	United States Air Force

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I. INTRODUCTION

A. BACKGROUND

The activities of the Department of Defense (DoD) Material Distribution System (DODMDS) encompass the logistics systems of the Army, Navy, Marine Corps, Air Force, and the Defense Logistics Agency (DLA). From April 1975 to March 1978, a detailed study of this distribution system was conducted under the auspices of the Joint Logistics Commanders. The study embraced the wholesale distribution processes involved at the 34 major wholesale activities operated by the four services and DLA within the 50 states. The objective of this study was to recommend specific actions, schedules, and resources required to improve the wholesale DODMDS.

Four major distribution functions were analyzed [1: Vol I, page 9]. They included:

1. The sources of the material delivered to the system.
2. The locations and operations of the distribution facilities.
3. The customers served by the facilities.
4. The commercial and government transportation links serving the facilities, their customers, and other facilities.

Certain commodities such as bulk petroleum, ammunition, nuclear/biological/chemical material, perishable subsistence, industrial plant equipment, and major end items such as

aircraft or ships were excluded from the study due to the unique characteristics of their individual logistic systems. Likewise excluded were the specialized facilities for logistics support of ordnance and missiles.

An extensive data collection and modeling effort was conducted to determine the numbers, types, and locations of activities necessary to provide efficient and effective wholesale distribution of defense material. The major findings of the study were:

1. The DODMDS has sufficient excess peacetime capacity even with demand surges.
2. The majority of distribution facilities are located at multi-mission complexes where a significant amount of demand originates or terminates. The depots so located incur lower overhead support cost per unit of throughput than do depots on small or single-mission installations.
3. Major savings would be possible by closure of selected DODMDS facilities and relocation of certain categories of material closer to the ultimate customer [1: Vol II, pages 2-5].

B. PURPOSE

Of concern to this thesis is the DODMDS study recommendation [1: vol II, page 7] to transfer the management and administration of the wholesale material function of the Naval Air Station, North Island (NAS) to the Naval Supply Center, San

Diego (NSC). Subsequent to this recommendation by the DODMDS Study group, a follow-on study, completed by the Chief of Naval Material in August of 1978, concluded that this consolidation was profitable [2: page 29].

The consolidation was approved by DoD and, in March 1979, was included in the Secretary of the Navy's announcement of the fiscal year 1980 Shore Establishment Realignment (SER) restructuring action. Actual consolidation was officially begun on October 1, 1980 with the transfer of approximately 300 civilian personnel billets from the NAS to the NSC. Eventually, as the implementation plan unfolds, wholesale inventory responsibility for approximately 135,000 line items will migrate from the NAS to the NSC [2: page 31].

An understanding of present NARF requisition patterns and response effectiveness provided to the NARF by the NAS provides a baseline against which changes resulting from the wholesale consolidation may be measured. Likewise, knowledge of those items required by other local customers, their requisitioning patterns, and the level of support provided to them by the NSC will enable documentation of improvements to productivity and service brought about by the consolidation.

The NSC is also in the process of upgrading its material warehousing facilities and storage/issue processes. Of specific concern to this thesis is the Navy Integrated Storage Tracking and Retrieval System (NISTARS) installation which is scheduled to become operational at the NSC in late 1983.

NISTARS will provide for computer control of many warehousing functions such as material receipt, storage, issue, and consolidation. Initial stocking of the NISTARS warehouse must consider, among other things, the frequency of demand for each candidate item. This will permit warehousing of the most often demanded material and the best selection of storage locations so as to optimize the automated storage and picking functions. For this reason, a baseline of high-demand items is important to the implementation of the NISTARS. Additionally, specific knowledge of those items most often required by the NARF will facilitate the selection of items to stock in a Ready Supply Store at that facility.

C. OBJECTIVES

This thesis will provide the following:

1. Pre-consolidation baseline data of requisition history for the NARF.
2. Identification of significant local customers of the NSC.
3. Pre-consolidation baseline data of local customer demands on the NSC.
4. A recommendation for potential items to stock in a Ready Supply Store to support the NARF.
5. A recommendation for potential items to stock in the NISTARS warehouse at the NSC.

D. DATA COLLECTION AND METHODOLOGY

For analysis of the NARF, information was taken from a NAS demand history file (DHF) spanning the period November 21, 1979 through October 22, 1980. Unfortunately, a complete fiscal year of pre-consolidation data was not provided by the NSC and insufficient time was available to request another data transfer and shipment. For analysis of the NSC's local customers, information was taken from the Center's DHF spanning the period November 21, 1979 through November 20, 1980. Again, a complete fiscal year of pre-consolidation data was not obtained. Because this study only covers the pre-consolidation time period, data collected after 1 October 1980 was not utilized. This in effect reduced the period of analysis for both the NARF and NSC local customers to slightly more than ten months.

Information regarding nomenclature, weight, and cube of national stock numbered items was copied from the national stock number (NSN) freight classification tapes maintained by the Fleet Material Support Office, Mechanicsburg, Pennsylvania (FMSO). These freight classification tapes were deficient to the extent that nomenclature, weight, and cube information was not available on all of the cataloged items. There were also items on the DHF which were not listed on the FMSO tapes. For those items which were listed on both data sources and for which weight and cube information was available, only net¹

¹Net weight and net cube are measurements that do not include the weight and volume of packaging and packing materials.

weight and cube information was provided in the vast majority of instances. Therefore, accurate data concerning the weight of packaging and packing materials was not available.

From the DHF and FMSO tapes, the data shown in Table 1 was extracted for use as required in the various analyses. The data was analyzed on the Naval Postgraduate School IBM 3033 computer system using a variety of FORTRAN programs especially written for the task.

TABLE 1 BASELINE DATASET	
SOURCE	DESCRIPTION
DHF	Requisition Document Identifier
	National Stock Number
	Material Cognizance Symbol
	Unit of Issue
	Unit Identification Code of
	Requisitioner
	Requisition Date and Serial Number
	Routing Indicator, Priority, Status
	Quantity
	Date Requisition Received at NSC/NAS
	Date of Requisition into supply system
	Supply Action or Shipment Date
FMSO	Nomenclature (if available)
	Item Net Weight {" " }
	Item Net Cube {" " }

E. CONTENTS

Chapter II contains a brief summary of the strategy, objectives, and assumptions implicit in the Shore Establishment Realignment (SER) wholesale merger. A brief discussion of the differences between wholesale and retail inventories is also provided. Specific significant additions, as a consequence

of SER, to the mission and responsibility of the NSC are detailed.

Chapter III addresses pre-consolidation requirements and demands generated by the NARF and processed by the NAS. Information is provided on requisitions, quantities, and material requirements. Data is tabulated in Appendices A through F.

Chapter IV defines and discusses the local customers of the NSC. Customer locations are identified and customers are categorized by type and activity. An area listing of the NSC's local customers is provided in Appendix G.

Chapter V addresses pre-consolidation support provided by the NSC to its local customers. Information is provided on quantities and types of material, effectiveness, and requisition demand patterns. Data is tabulated in Appendices H through L.

Chapter VI is a summary and conclusion.

II. OBJECTIVES AND IMPLEMENTATION OF THE CONSOLIDATION

A. OBJECTIVES OF CONSOLIDATION

The overriding thrust behind the consolidation action addressed in Chapter I was to reduce the duplication of wholesale inventory management and overhead functions so that general authority and responsibility for providing supply support to the NARF and other worldwide customers would be realigned under the Chief of Naval Material at the NSC [3: page 14]. This will be accomplished by:

1. Consolidation of inventory management functions for selected material types.
2. Consolidation of selected civilian billets and automated data processing (ADP) functions.
3. Investment in high-rise automated storage and retrieval warehouse facilities and physical consolidation of similar material types now stored in a multitude of scattered locations.

This restructuring action will permit the supply department of the NAS to concentrate all of its attention on support of NAS tenant activities.

B. WHOLESALE AND RETAIL STOCKS

Among the many classifications and categorizations of Navy material, the definitions of two terms, wholesale inventory and retail inventory, are important to understand. This will

allow an appreciation of the magnitude of the SER consolidation and its impact on the supply operations of the NSC and NAS.

Wholesale inventories are those over which an inventory manager at the national level has asset knowledge and exercises unrestricted asset control. Items in this category are predominately managed by the Naval Supply Systems Command (NAVSUP) through two major inventory control points (ICP); the Aviation Supply Office (ASO) and the Ships Parts Control Center (SPCC). Additionally, a small number of specialized items are under inventory management control of hardware systems commands such as the Naval Sea Systems Command or Naval Air Systems Command. Navy activities that maintain stocks of this wholesale material advise these inventory managers of issues and receipts of material by daily transaction item reports (TIR). The TIR system allows each inventory manager to maintain continual knowledge of stock levels and to exercise close control over total system stock. Stock point activities are replenished with this TIR wholesale material by the use of "push" procedures from the inventory manager. Actual requisitioning of the material to replace stock issues is not required of the stock point.

Retail inventories are items of Navy interest which are actually managed by another military service, the Defense Logistics Agency (DLA), or the General Services Administration (GSA). Supply management of Navy-owned stocks of these items

is exercised by the Navy Retail Office at FMSO. Transaction item reporting of issues and receipts of this material is not done by stock points. Local stock levels are maintained at each stock point by submission of requisitions to the cognizant inventory manager. Local stocking authority for range and depth is demand based pursuant to rules promulgated through FMSO. All 9-COG² items are FMSO managed retail material.

Although these broad distinctions are fundamental to an understanding of the Navy's first level of supply inventory management, the concept of "wholesale" consolidation is somewhat of a misnomer when literally applied to the San Diego supply merger. As discussed in the following section, the Supply Center will actually assume responsibility for management of both wholesale and retail material. Thus, in the context of the merger, the term "wholesale" is better defined as support to the NARF and other worldwide customers by the NSC and the term "retail" is synonymous with the support which the NAS will provide to itself and its tenant activities [2: page 30].

C. INVENTORY FUNCTIONS TO BE ASSUMED BY NSC SAN DIEGO

As previously noted, the consolidation will involve a significant modification of existing inventory management philosophy at both the NAS and the NSC. These changes will affect management of both wholesale and retail stocks.

²See the section in Chapter III entitled "Cognizance Symbol Analysis" for a brief explanation of COG symbols and their relation to the Navy supply system.

With regard to retail type material, NSC will assume point of entry (POE)³ support responsibility for all NARF 9-COG requirements. NARF 9-COG demand will now be recorded by the NSC and will be utilized by the Center to establish additional range and depth under the FMSO established procedures. The NSC will, in turn, requisition this material as required for stock replenishment. All 9-COG material currently positioned at the NAS to support the NARF will be initially retained at the NAS under NSC receipt, storage, and issue control. 9-COG Items which are also carried at the NSC to support other customer demands will eventually be consolidated with similar NARF support items and stored at the most appropriate single storage site.

For wholesale material, the Supply Center will assume POE management for all NARF requirements of ASO and SPCC managed material. Primary additions to NSC stock will be ASO managed R-COG aviation material. And, for all of this wholesale material, the NSC will assume TIR responsibility and control of storage and issues. Material will be physically relocated and consolidated in much the same manner as the 9-COG retail material. The NSC will also assume responsibility for wholesale support of R-COG aviation material requisition referrals from ASO. These referrals were previously sent by ASO to the NAS.

³The point of entry is the supply source that first receives a requisition for material from a requisitioner.

Other material management functions to be assumed by the NSC are:

1. Inventory management of material positioned at the Naval Weapons Evaluations Facility, Kirtland AFB, Albuquerque, N.M.
2. Management, for the NARF, of aviation rotatable pool assets including wholesale Closed Loop Aeronautical Management Program (CLAMP) assets and F4/H46 engine overhaul pool repairables.
3. Functional responsibility for inventory control and physical storage of not ready for issue (NRFI) aviation components awaiting repair induction at the NARF.

In short, the major impact of the SER on the NSC will be assumption of responsibility to provide both wholesale and retail material support to the NARF. For this reason, a detailed analysis of NARF supply requirements and requisition history is necessary. This analysis is the subject of Chapter III.

III. ANALYSIS OF NAVAL AIR REWORK FACILITY, NORTH ISLAND

A. INTRODUCTION

This chapter presents an analysis of historical demand patterns and material requirements of the Naval Air Rework Facility, North Island (NARF). The NARF, an industrially funded major repair facility, is the designated overhaul point for selected aircraft and associated aviation related equipments. The analysis addresses the numbers of requisitions submitted by the NARF to its previous wholesale stock point, the NAS, as well as the significant types and quantities of materials requisitioned. Time series distributions in a calendar format are provided for the patterns of requisition submittals to the NAS and for shipments of material to the NARF in response to requisitions received. Information regarding the weight and volume of local deliveries from the NAS to the NARF is included as is an analysis of the NAS's effectiveness in responding to NARF requisitions. A recommendation is made for selected high demand items which appear to be appropriate for stocking in a Ready Supply Store if one was to be located at the NARF.

B. DATA SOURCE AND PREPARATION

Data for this chapter was obtained from the previously mentioned NAS demand history file. From this file, all requisitions with unit identification code (UIC) 65888 (NARF)

were extracted. This process yielded 193,037 requisitions which were submitted to the NAS during the 10 months prior to consolidation. From this number, an additional 23,610 requisitions were deleted because they contained either:

1. an invalid or obviously erroneous National Stock Number (NSN) with missing characters or blanks in the field, or other illogical contents, or
2. the characters LL, LP, or LF (signifying a local stock number, a publication or a form, respectively) in the National Item Identification Number (NIIN).⁴

The remaining 169,427 records, each of which was for a valid (all integer) NSN, were matched against the FMSO freight classification tapes. The result of this process was the creation of a new NARF demand history file containing all 169,427 requisitions of which 138,656 or 82 percent had the additional nomenclature, weight, and cube information as listed in Table 1. For the remaining 18 percent, there was either no nomenclature, weight, or cube information available or, an item was requisitioned that was not cataloged at all on the FMSO tapes.

⁴The author acknowledges that deletion of local stock numbers, forms, and publications represents an omission of possible valuable information. This deletion was necessary because the FORTRAN language does not lend itself to manipulation and comparison of alphameric bit streams. In mitigation of the omission, it is noted that no consistent pattern of identification of local stock numbers was found, thus compounding the processing difficulties. Additionally, the FMSO item description tapes do not contain nomenclature or weight/cube descriptions for local stock numbers, forms or publications.

C. ABC ANALYSIS

An ABC analysis is simply the stratification of items into three groups, namely A, B, and C, based on some measure of importance. Studies by both military and industrial inventory managers have reached the conclusion that, in general, a very small fraction of the total items stocked for issue account for a very large fraction of the volume of business involved [4: page 424]. An ABC stratification can facilitate the development of operating doctrines appropriate to the management of a multi-item inventory system. This type of analysis enables management to focus its attention on fast moving items and make intelligent decisions on what stock levels to maintain at a given storage location.

1. Requisitions Versus NSNs

Appendix A lists the percentages of the total number of requisitions issued by the NARF as a function of the percentages of the total number of different NSNs requisitioned. During the period 21 November 1979 through 30 September 1980, a total of 47,020 different NSNs were requisitioned by the NARF from the NAS. One NSN was requisitioned 139 different times while 20,633 NSNs were requisitioned only one time each.

There were 4950 NSNs which received eight or more requisitions during the measurement period. This quantity of NSNs represents only 10.5 percent of the total number of different NSNs requisitioned but accounts for 46 percent of the total number of requisitions generated. Likewise, 12,415 different NSNs received four or more requisitions during the

period. This quantity represents 26.4 percent of the NSNs and 68.6 percent of the requisitions generated.

Figure 1 summarizes this information in a graphic form and emphasizes the point that a relatively small percentage of items accounted for a large percentage of the requisitions sent by the NARF to the NAS.

2. Quantity Versus Requisitions

Figure 2 and Appendix B provide some insight into the percentages of quantities⁵ of material requisitioned as a function of the percentages of requisitions issued by the NARF. The data in Appendix B is presented in quantity sequence descending from 5000 units (or more) on 322 requisitions to one unit on 1634 requisitions. It is of interest to note that the quantities per requisition were generally rounded off to the nearest thousand or hundred when dealing in large amounts. Approximately fifty percent of the requisitions were for quantities of 50 or more and 82 percent were for quantities of 10 or more.

Figure 2 demonstrates that a relatively small percentage of requisitions account for the bulk of the material ordered. For instance, it can be seen from the figure that 25 percent of the requisitions accounted for 85 percent of the total material ordered. The curve is quite steep in the beginning emphasizing that the NARF tends to place requisitions

⁵All units of issue were considered equal in this analysis. E.g., one "each" was considered equivalent to one "foot" was considered equivalent to one "barrel", etc.

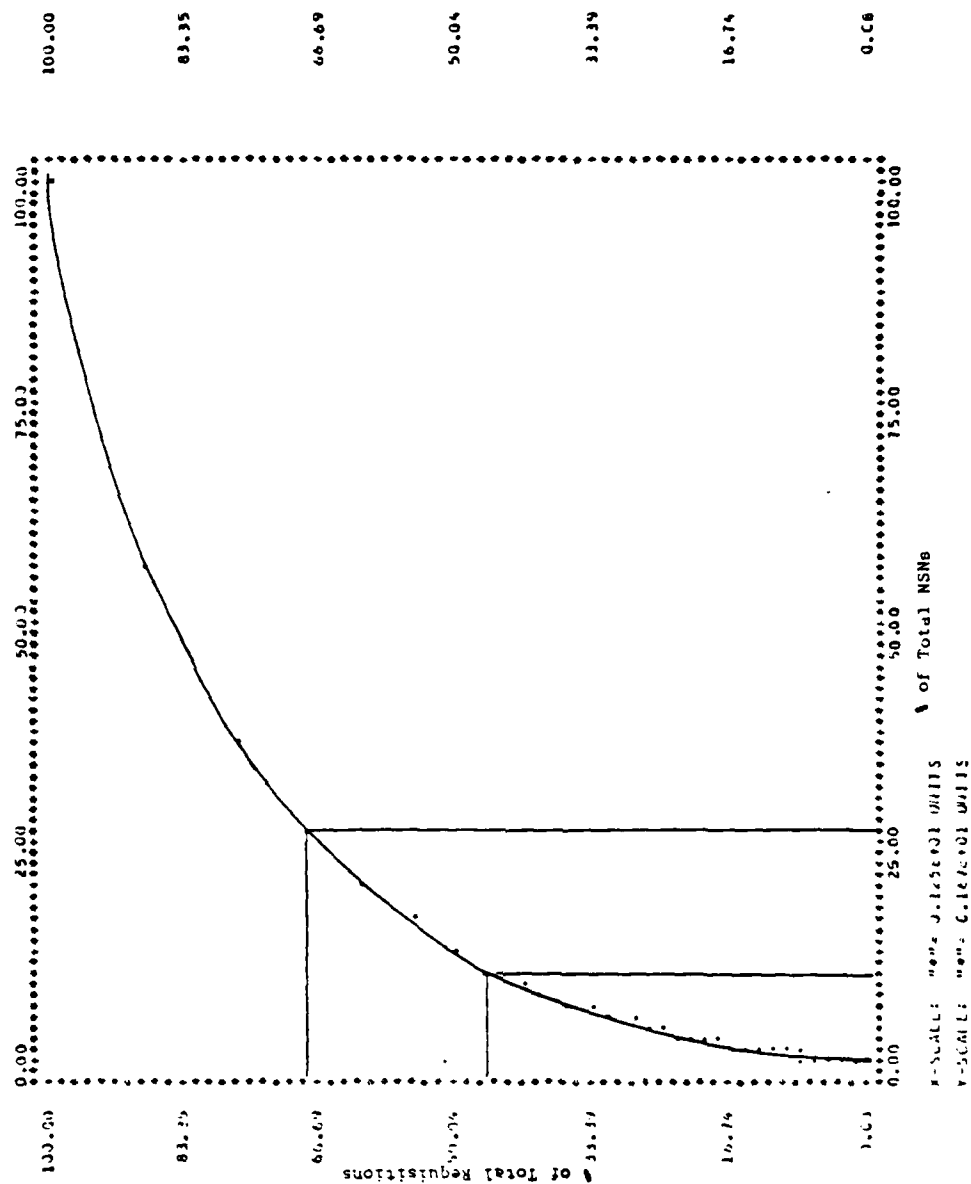


Figure 1. NARF ABC Curve (Requisitions versus NSNs)

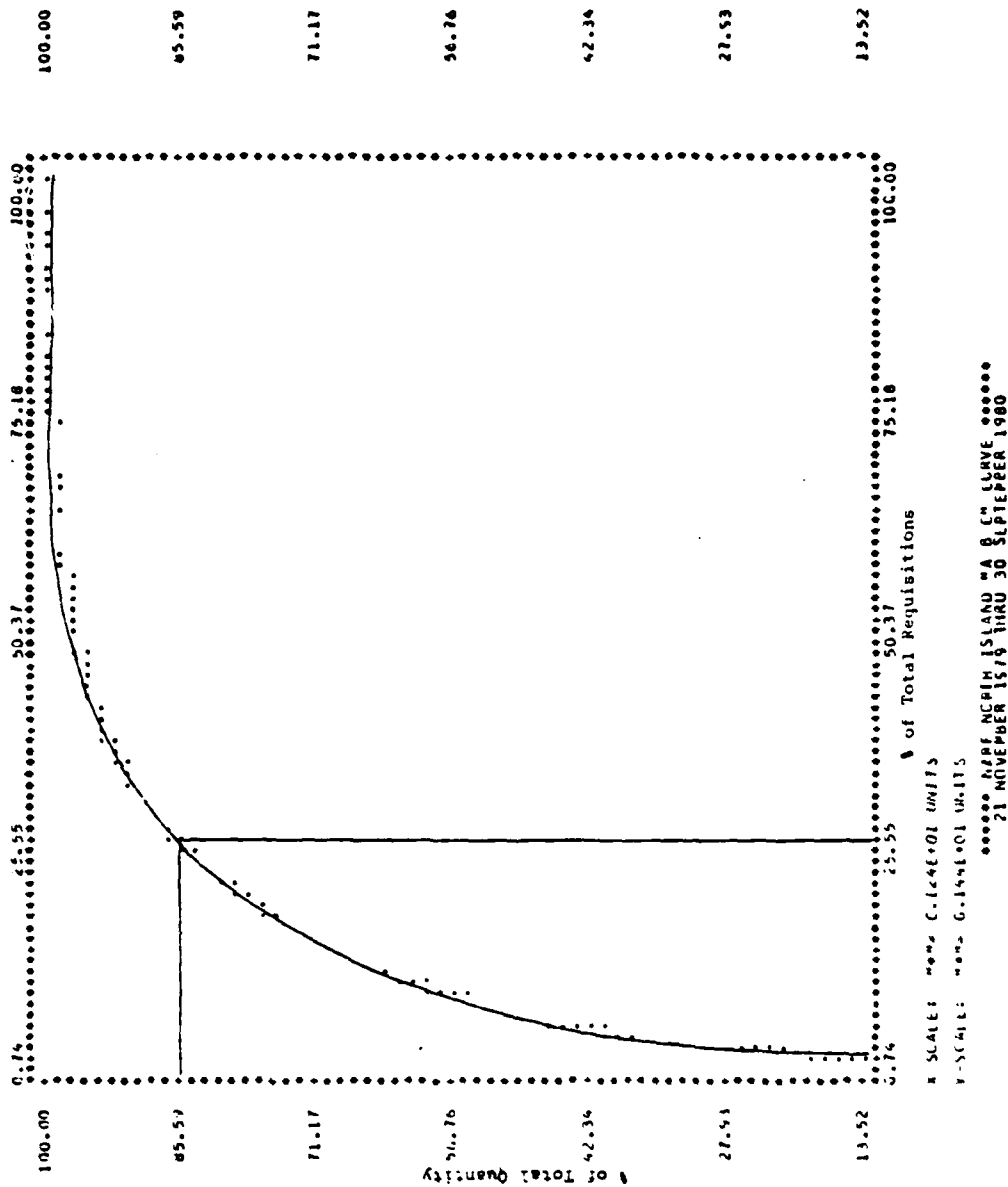


Figure 2. NARF ABC Curve (Quantity versus Requisitions)

infrequently but orders in large quantities per requisition. This curve complements Figure 1. Figures 1 and 2, when considered together, suggest that a rather small number of items account for most of the quantity demanded.

D. COGNIZANCE SYMBOL ANALYSIS

A material cognizance symbol (COG) is a two-position code that identifies a national stock numbered item with the inventory manager of the category of material in which the item is included. For Navy managed items, the COG symbol is a numeric-alpha code that identifies not only the inventory manager of the material but also indicates whether the material is managed in the Navy Stock Account (odd numbered COGs) or in one of the appropriated purchases accounts (even numbered COGs). Odd numbered COGs imply that the material is of a consumable nature. Even numbered COGs imply that when the material fails, it may be repaired and subsequently reissued.

Table 2 lists 35 material COGs that were requisitioned 10 or more times by the NARF. These 35 COGs accounted for 99.95 percent of all requisitions issued by the NARF. The remaining 0.05 percent of the requisitions were distributed among 29 additional COGs that received less than 10 requisitions each. For repairables, the 2R⁶ items were requisitioned much more

⁶2R and 1R COGs indicate aeronautical material which is under technical responsibility of the Naval Air System Command and managed by the Navy Aviation Supply Office. 2R COG items are repairable or investment type materials obtained through an appropriated purchases account. The 1R COG items are consumable or expense materials financed through the revolving Navy Stock Fund.

TABLE 2
NARP COG DEMANDS WITH 10 OR MORE REQUISITIONS

COG	REQNS	MANAGER	DESCRIPTION
2H	123	SPCC	Shipboard Equip. & Repair Parts
2R	4,111	ASO	Aviation Repairables
4G	17	SPCC	Electronic Repairables
4R	14	ASO	Catapult & Arresting Repairables
4Z	42	ASO	War Consumables
6G	12	SPCC	Electronic Test Equipment
6R	48	ASO	Aviation Ground Support Equip.
8R	37	ASO	Major Aeronautical Equipment
1H	651	SPCC	Shipboard Equip. & Repair Parts
1R	29,038	ASO	Aviation Consumables
5R	364	ASO	Catapult & Arresting Consumables
9A	126	FMSO	(Army TAC) Tactical Vehicle Parts
9C	10,199	FMSO	(DCSC) Construction Parts
AX	222	DCSC	Construction Parts
9D	197	FMSO	(DPSC) Clothing and Textiles
9F	1,077	FMSO	(W.R. ALC) Consumables
TG	13	USAF	Consumables
9G	10,204	FMSO	(DGSC) General Consumables
CX	95	DGSC	General Consumables
9H	20	FMSO	(Army APM) Armament Supplies
9I	16,533	FMSO	(Ogden ALC) Consumables
SU	24	USAF	Consumables
9J	8,931	FMSO	(Oklahoma City ALC) Consumables
SX	160	USAF	Consumables
9K	108	FMSO	(Sacramento ALC) Consumables
9L	175	FMSO	(DPSC) Medical Supplies
9N	20,755	FMSO	(DESC) Electronics Consumables
9O	48	FMSO	(MCSA) Consumables
9Q	5,433	FMSO	(GSA) Consumables
9S	21	FMSO	(Army Missile) Consumables
9V	2,265	FMSO	(S.A.ALC) Consumables
9W	401	FMSO	(Army Aviation) Consumables
9Y	239	FMSO	(Army Elec.) Consumables
9Z	57,664	FMSO	(DISC) Industrial Supplies
KZ	38	DISC	Industrial Supplies

than any other COG. This was to be expected for an aviation-oriented material user. For consumable items, 1R and 9-COG⁷ materials predominate. Note a significant representation of non-Navy cognizance material (i.e., alfa alfa).

E. NAVAL AIR STATION ISSUE EFFECTIVENESS ON NARF REQUISITIONS

A rough measure of NAS supply effectiveness was obtained by comparing requisitions submitted for each type of material with requisitions filled and shipped mode 9 from the NAS to the NARF.⁸ Table 3 shows the same 35 COGs as Table 2. Table 3 however shows the number of requisitions which were filled from local stock and shipped mode 9 from the NAS to the NARF. Effectiveness was computed as the number of issues divided by the number of requisitions (with a conversion to percentage) for each material cognizance category.

F. NARF REQUISITION PRIORITIES

To assess the impact of the priority of requisitions on work scheduling at the supply source, an analysis of requisition priorities submitted by the NARF was done. This baseline reference is important because the priority of the requisition

⁷9-COG indicates Navy owned material for which DoD integrated supply management is vested in another service. The material is purchased from the other-service manager through the Navy Stock Fund and held as Navy retail inventory at selected stock points. In Table 2, certain 9-COG items have alpha-alpha cogs listed after them. This 9-COG and alpha-alpha COG material are in the same material category under overall management of the organization listed.

⁸Mode 9 is the Military Standard Requisitioning and Issue Procedure (MILSTRIP) code for a local delivery.

TABLE 3
EFFECTIVENESS OF NAS FOR NARF REQUISITIONS

COG	REQMS	ISSUES	% EFFECTIVENESS
2H	123	78	63
2R	4,111	1,482	36
4G	17	2	12
4R	14	3	14
4Z	42	35	83
6G	12	1	8
6R	48	21	44
8R	37	19	51
1H	651	244	38
1R	29,038	12,985	45
5R	364	123	34
9A	126	45	36
9C	10,199	4,178	41
9K	222	112	51
9D	197	92	47
9F	1,077	274	26
9G	13	9	69
9H	10,204	4,641	46
9J	95	60	63
9K	20	1	5
9L	16,533	6,483	39
9M	24	14	58
9N	8,931	2,937	33
9O	160	86	54
9P	108	17	16
9Q	175	114	65
9R	20,755	7,755	37
9S	48	22	46
9T	5,433	2,951	54
9U	21	3	14
9V	2,265	681	30
9W	401	88	22
9X	239	77	32
9Y	57,664	22,155	38
RZ	38	11	29
Total	169,405	67,798	40

determines the applicable time standard for requisition processing.

The priority of any requisition is determined by the Force/Activity Designator (F/AD) of the unit or organization and the Urgency of Need Designator (UND) applicable to the particular requirement. The F/AD identifies and categorizes a unit or organization on the basis of its military importance. F/AD I is most important while F/AD V is least important. The UND indicates the urgency of need for a particular requirement relative to a set of guidelines promulgated by the DoD. UND A is for a material requirement that prevents the activity from performing one or more of its primary missions. UND B is for material that degrades this capability and UND C is for routine requirements. The 15 individual priority designators (priority is the 01 highest) are derived from a matrix-type combination of the five F/ADs and three UNDs. The 15 priority designators are often categorized into three Issue Priority Groups (IPG). IPG I for priorities 01 to 03, IPG II for priorities 04 to 08, and IPG III for priorities 09 to 15. The Uniform Material Movement and Issue Priority System (UMMIPS) time standards that are established for fulfillment of material requirements are based on the IPG of each requisition.

Figure 3 provides a histogram of NARF requisitions by priority designator. In this figure, the priority designators 01 to 15 are shown across the bottom horizontal axis. The vertical bars graphically indicate the relative percentages of the total NARF requisitions within each priority group.

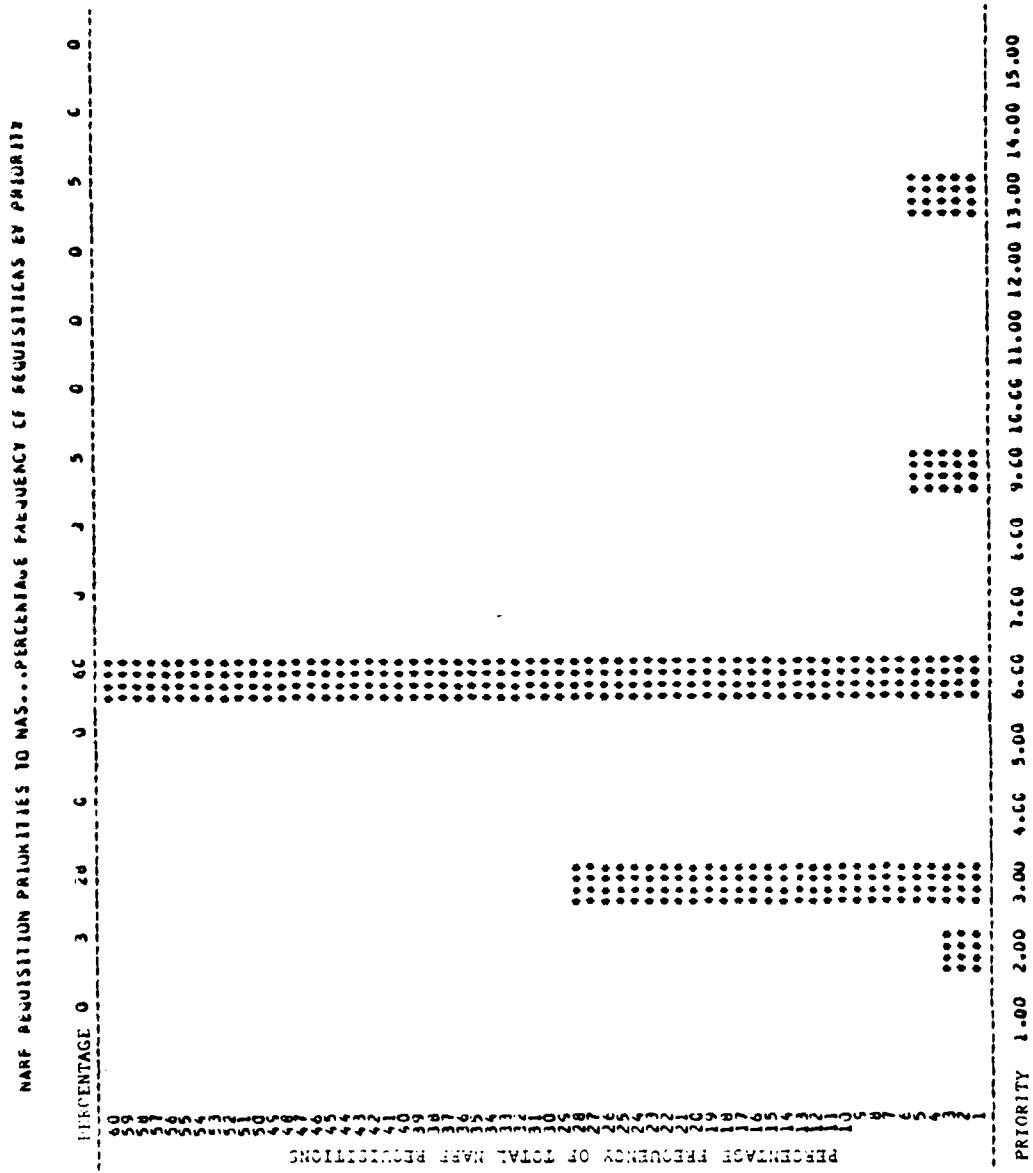


Figure 3. NARF Requisition Priorities

The actual percentage values are printed above each bar along the upper horizontal axis. It should be noted that zero percent does not necessarily indicate a total absence of requisitions within a particular priority designator. It does indicate however that the number of requisitions with that designator was so small as to represent less than one percent of the total requisitions issued.

Analysis of Figure 3 shows that 93 percent of the NARF requisitions are derived from F/AD III and UNDs A, B, and C (priority designators 03, 06, and 13 respectively). The NARF is generally assigned to F/AD III due to its mission as an industrial maintenance activity providing direct logistic support to combat forces. In other F/AD categories, three percent of the requisitions are F/AD II UND A (priority 02) and the remaining requisitions are F/AD IV UND B (priority 09).

G. REQUISITION TRANSMISSION AND PROCESSING TIME

An additional measure of historical interest was the average transmission time and the average processing time experienced on NARF requisitions for standard stock items. Table 4 provides this information for each of the three IPGs.

The transmission time is the elapsed time from the date of preparation until receipt at the NAS. At the NARF, the requisition channel is initiated by a shop mechanic who identifies parts and materials required for repair of an item or

TABLE 4
NARF AVERAGE REQUISITION TIME

PRIORITY GROUP	NARF AVERAGE TRANSMISSION TIME	NAS AVERAGE PROCESSING TIME
I	2.7 days	1.2 days
II	2.6 days	1.2 days
III	3.6 days	3.3 days

component. This information is passed to the various material divisions located throughout the NARF. Requirements are screened by the material planners who determine the best way to satisfy each requirement. A requisition (DD form 1348 or optical character recognition (OCR) form) is prepared for each standard stock item. If the material is available in the Navy Industrial Fund Retail Store at the NARF, the DD 1348 is forwarded to the store for direct issue. Issues and receipts are posted to the store inventory records daily. If the material is not in stock or not carried at the store, the OCR document is forwarded to the Supply Department of the NAS. There, the requirement is scanned and loaded onto a computer disk file for automatic data processing. The transmission times in Table 4 are a composite of transmission times to the Retail Store and to the NAS.

Table 4 also provides the mean processing time for mode 9 issues by the NAS after receipt of the requisition. It is noted that this time is merely an accounting for the delay

involved in verifying material availability from the stock records and issuing a picking order to the warehouse or storage location. Not included in this measure is time delay incident to order picking, processing, and delivery. There was no method available for verifying actual delivery times from the DHF.

H. REQUISITION AND NAS-TO-NARF LOCAL DELIVERY PATTERNS

Appendix C contains a daily tabulation by requisition date of the 163,582 requisitions submitted by NARF to NAS from December 1979 through September 1980. The format also shows totals by week, month, and year and monthly and yearly totals by day of the week. For ease of reference, Table 5 summarizes the total monthly requisitions.

TABLE 5 NARF MONTHLY REQUISITION SUMMARY			
MONTH	REQUISITIONS	% OF TOTAL	CUM % OF TOTAL
Dec '79	17,376	11	11
Jan '80	19,355	12	22
Feb	21,611	13	35
Mar	20,802	13	48
Apr	24,511	15	63
May	24,216	15	78
June	18,212	11	89
July	9,117	6	95
Aug	4,192	3	97
Sept	4,190	3	100
Total	163,582		

Within each week, demand appeared relatively constant, averaging somewhere between 800 and 1100 requisitions per day,

Monday through Friday. Weekend requisitions averaged 140 on Saturday and 32 on Sunday. Demand was heaviest early in the fiscal year, peaking during April and May. This pattern was possibly a reflection of the fiscal year funding profile which would show an early bulge in demand slowly tapering off as funds were expended towards the year's end. This demand pattern is consistent with that noted in analysis of NARF Alameda [5: page 20].

Table 6 shows monthly tabulations of the 61,523 requisitions shipped mode 9 from the NAS to the NARF in response to the 163,582 requisitions received. The tabulation was done by requisition date for all requisitions with mode 9 shipment status. Thus, a mode 9 requisition which was dated, for instance, late in December was tabulated as a December shipment even though actual shipment might not have occurred until early January. This was done in order to remain consistent with the base applied to Table 5 and facilitate comparison using this common base.

TABLE 6			
NAS "MODE 9" SHIPMENTS TO NARF			
MONTH	REQNS SHIPPED	TOTAL WEIGHT (pounds)	TOTAL CUBE (feet)
Dec '79	3,268	1,119,220	56,624
Jan '80	4,184	1,077,144	154,254
Feb	4,695	1,426,343	98,171
Mar	4,424	593,228	43,542
Apr	12,088	1,436,146	86,591
May	14,381	1,069,780	111,360
June	10,384	942,556	92,142
July	6,106	448,565	114,025
Aug	1,971	65,862	5,285
Sep	1,025	96,442	5,229
Totals	61,523	8,275,269	767,537

Table 6 also provides the total net weight and total net cube of material that was actually delivered mode 9 from the NAS to the NARF during this period. Ceteris paribus, this information provides a reasonable indication of the magnitude of current local shipments to the NARF.

I. WEIGHT AND CUBE REQUISITION PATTERNS

Net weight (pounds) and net volume (cubic feet) summaries are provided in Appendices D and E respectively. These are presented in a calendar format similar to Appendix C. It should be recalled that weight and cube data were available for only 82 percent of the NSNs in the demand history file. The numbers in Appendices D and E do not represent deliveries actually made on those dates. They merely indicate the mass and volume of material that was requisitioned on those dates and was eventually delivered to the NARF by any one of the many available modes of transportation. As such, the appendices represent an order of magnitude approximation of the upper bound on local deliveries to the NARF should the NSC satisfy all NARF requirements from local stock.

Two filters were devised to purify the raw data prior to summarization in the appendices.

1. Certain items may customarily be issued in units that do not necessarily reflect the real weight or cube of the material.⁹ However, since heavy or large items

⁹For instance, bottled gas has a unit of issue in cubic feet but its weight is measured in pounds which includes some specified quantity of cubic feet compressed into a cylinder plus the weight of the empty cylinder. Therefore, a demand for 1,000 cubic feet would distort the summary by inclusion of an erroneously large weight.

are not generally requisitioned in large quantities, the impact of these potentially questionable data tabulations was reduced by not including demands with a quantity of 100 or more and a net unit weight of 100 pounds or more. Two demands met these criteria and were excluded from the tabulation.

2. For similar reasons, demands with quantities of 100 or more and a unit cube of 25 or more were excluded. Eight requisitions were deleted by these criteria.

J. NARF HIGH DEMAND ITEMS

A magnetic tape listing of the 4,950 items that received eight or more NARF requisitions from 21 November 1979 to 30 September 1980 has been provided to the NSC. This represents the upper 10 percent (by requisition frequency) of all NSNs demanded and accounts for 46 percent of the total requisitions received (see Appendix A). For each item, the following information was provided:

1. Cog symbol and stock number.
2. Number of requisitions and a breakdown by IPG.
3. The number of cancellations.
4. The average number of units issued for the item per requisition.
5. The item's unit of issue.
6. The total quantity of the item issued for the period.
7. The item's net unit weight, net unit cube, and nomenclature (as available).

These items, especially the 9-COG material, are all excellent candidates for stock in a Ready Supply Store to support the NARF. Appendix F is a sample representation of this information.

A search was also made to discover any items that might be ordered infrequently but in large quantities (in particular, any items that would not appear in Appendix F because they were requisitioned less than eight times during the period). The search covered items with between three and seven requisitions whose cumulative quantities were greater than 3,000 or any item with a single requisition quantity of at least 10,000. No items meeting these criteria were discovered.

IV. LOCAL CUSTOMERS OF NAVAL SUPPLY CENTER, SAN DIEGO

A. LOCAL CUSTOMERS DEFINED

Prior to examination of local customer demand patterns and material requirements, a discussion of the identities of local customers of the NSC is appropriate. The local customer area was defined by the author to be all areas within a 100 mile radius of the NSC plus the Long Beach (Los Angeles, California) Naval Station.

The basis for the list of local customers contained herein was the previously mentioned NSC demand history file. From the DHF, a summary of the unit identification code (UIC) of all customers with requisitions showing mode 9 shipment status was prepared. This list was then compared with the freight forwarding guide maintained by the Navy Material Transportation Office (NAVMTO) and the name and address file of local customers maintained by the NSC.

This comparison disclosed numerous discrepancies in the coding or assignment of mode 9 status to completed requisitions. For example, the NSC had indicated local delivery of material to stations or units permanently located in Hawaii, Alameda, and Puget Sound. These obvious errors were deleted from the UIC list.

An additional verification was made with the United States Pacific Fleet Commanders of Naval surface, air, and submarine forces in order to preclude omission of any deployed fleet

units actually homeported in San Diego or Long Beach. The San Diego telephone book was consulted for street addresses and locations of shore facilities or business with which the author was unfamiliar. The final list represents the following categories:

1. All Fleet and aviation units homeported at San Diego or Long Beach.
2. Marine Corps units stationed at Camp Pendleton.
3. Shore facilities within a 100 mile radius of the NSC (including Long Beach and Camp Pendleton) that submitted requisitions to and received material by local shipment from the NSC between the dates of 21 November 1979 and 30 September 1980.

Because of category 3, it is possible that some shore facilities may in fact be local customers and still not be on the final list. However, the magnitude of their business is assumed to be so small as to be irrelevant to any analysis of local customer requirements.

B. LOCAL CUSTOMERS CATEGORIZED BY SERVICE

The NSC's local customers may be categorized by organization or service. Two hundred and ninety seven of the customers are Navy activities. These activities were responsible for 98.5 percent of all local customer requisitions received at the NSC from November 1979 to September 1980.

Remaining local customers, which in the aggregate accounted for only 1.5 percent of all local business are a miscellany

of Coast Guard, Marine Corps, other DoD and local contractors. Three of the local customers are Coast Guard activities; the Marine Safety Office, San Diego and two cutters, one of which is located at San Diego and the other at Long Beach. There are 26 Marine Corps customers, all primarily located at Camp Pendleton. The remaining 32 customers are other DoD organizations or commercial organizations in the San Diego area. There are no Army or Air Force units in the local customer listing.

The NSC supports 128 Navy ships and 29 submarines or small submersibles. Thirty four of the ships are homeported at Long Beach. The remainder of the ships and all of the submarines are homeported at San Diego. In addition to afloat units, the NSC supports 56 squadrons, groups or battalions and 100 shore facilities or commands belonging to the Navy or Marine Corps.

C. LOCAL CUSTOMERS CATEGORIZED BY LOCATION

Appendix G is a listing of the NSC's local customers in UIC sequence within geographic zones. These zones correspond to those used for material delivery and cited in the NSC customer service manual. They are described in Table 7 below. Following Table 7, Figure 4 is a generalized map of the San Diego area showing the zone locations.

As seen from analysis of Appendix G, the local customers of the NSC range in size from large military installations to small offices with only a few employees and in diversity of mission from ships and air squadrons to communications

TABLE 7

NSC LOCAL CUSTOMERS AND ZONE DESCRIPTIONS

ZONE NUMBER	LOCATION/DESCRIPTION	CUSTOMERS
1, 2, 3, 4	Afloat: 32nd Street Piers 1 - 13, and outer bouys Afloat 84 Air Squadrons 3	
5	Central: 32nd Street Complex & Naval Station Afloat 2 Air Squadrons 1 Shore 19	
6	Northwest: Submarine Support Facility Afloat 29 Shore 4 Naval Training Center Area Shore 8 Point Loma Area Shore Units .. 5 All Others Afloat (USCG) 1 Shore 20	
7	Northeast: NAS Miramar area Air Squadrons 17 Shore 6 Naval Hospital 1 All Others 11	
8	National City South & Coronado Peninsula: NAS North Island Air Squadrons 20 Afloat 8 Shore 18 Coronado 12 All Others 12	
9	Broadway Complex Shore Units.. 5 Camp Pendleton Squadrons & Groups 4 Battallions 11 Others 11 Long Beach Afloat (1 USCG) 35 Shore 11	

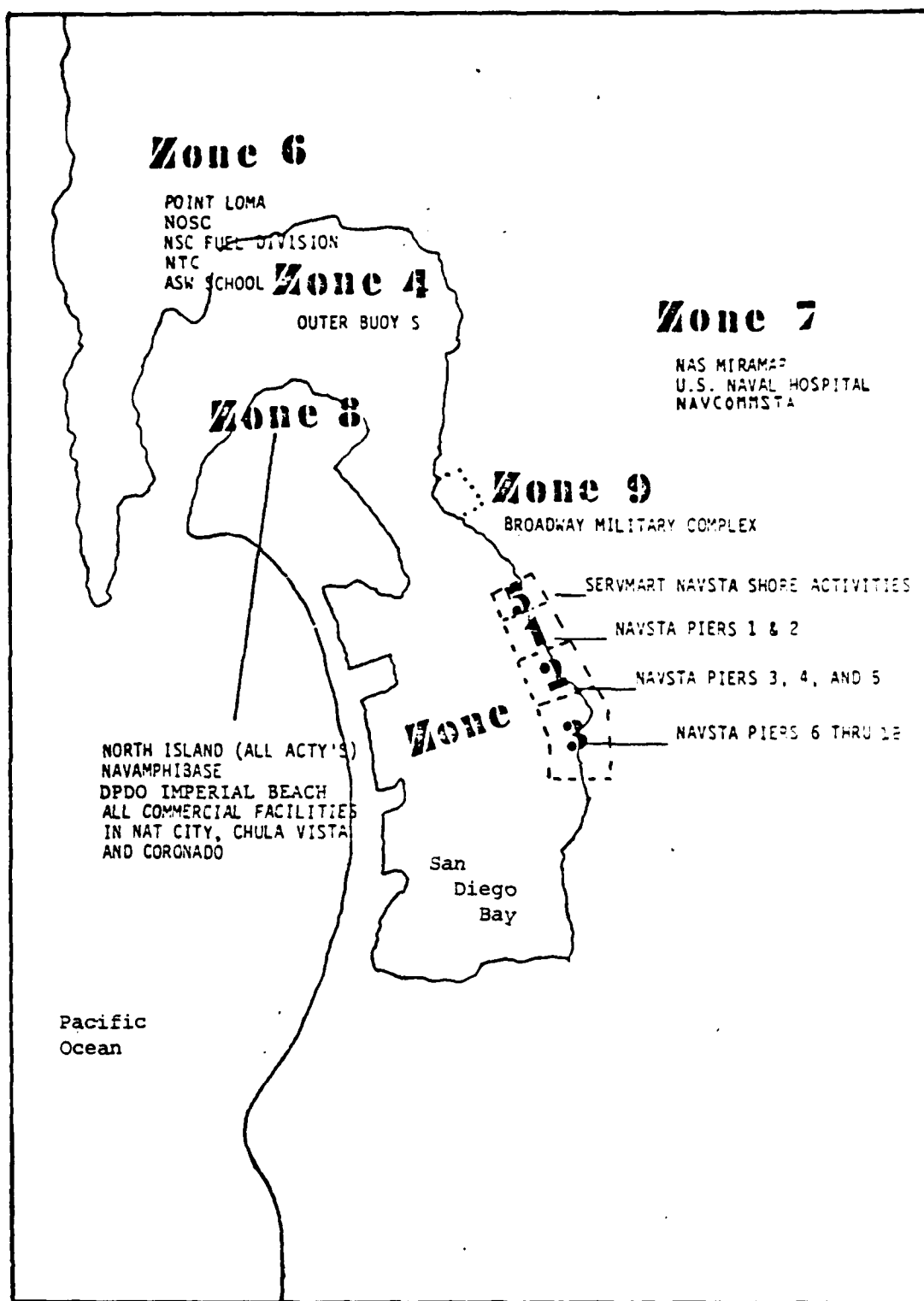


Figure 4. Area Map of Local Customer Zones

centers and hospitals. The amount of support provided by the NSC varies tremendously with the size and type of each customer. Much useful information can be obtained by analysis of customer demand patterns and material requirements. That analysis is the subject of the next chapter.

V. ANALYSIS OF LOCAL CUSTOMER DEMAND PATTERNS

A. INTRODUCTION

This chapter presents an analysis of historical demand patterns and material requirements of local customers of the NSC. As noted in Chapter IV, these customers are diverse in size, location, and mission. In the aggregate however, they create a total demand for material which is not, *ceteris paribus*, strictly related to any individual customer size or mission. Decisions regarding the range and depth of candidate material for stock are not generally made based on the identity of a specified end user. For this reason, no particular attempt was made to single out specific categories of material which one or another individual customer might order.

B. DATA SOURCE AND PREPARATION

Data for this chapter was obtained from the NSC demand history file covering the period November 1979 through September 1980. For reasons discussed in Chapter III, 126,885 requisitions were deleted because of invalid stock numbers, or because they were for forms or publications. The remaining records were matched against the FMSO freight classification tapes to produce a revised DHF file containing 1,679,938 requisitions of 1,268,280 or 75 percent had information regarding nomenclature, weight, and cube (Table 1). Of the 411,658 records with no weight or cube information, 211,326 of them

were items on the demand history file but not on the freight classification tapes. An additional 200,332 items were listed on both tapes but no weight or cube was available on the freight tapes.

This file was then matched against the UICs of all local customers as defined in Chapter IV. This process yielded a final dataset containing 1,345,834 requisitions from local customers only. This dataset was used for the analyses presented in this chapter.

C. ABC ANALYSIS

1. Requisitions Versus NSNs

Appendix H indicates that a total of 244,399 different NSNs were requisitioned by local customers from the NSC during the period 21 November 1979 through 30 September 1980. One NSN was requisitioned 2,701 different times while 107,065 NSNs were requisitioned only one time each.

There were 15,022 NSNs which received 17 or more requisitions during the measurement period. This quantity of NSNs represents only 6.1 percent of the total number of different NSNs requisitioned but accounts for 50 percent of the total number of requisitions received by the NSC. Likewise, 72,274 different NSNs received four or more requisitions during the period. This quantity represents 29.5 percent of the NSNs and 81 percent of the requisitions. Figure 5 shows this relationship in graphic form.

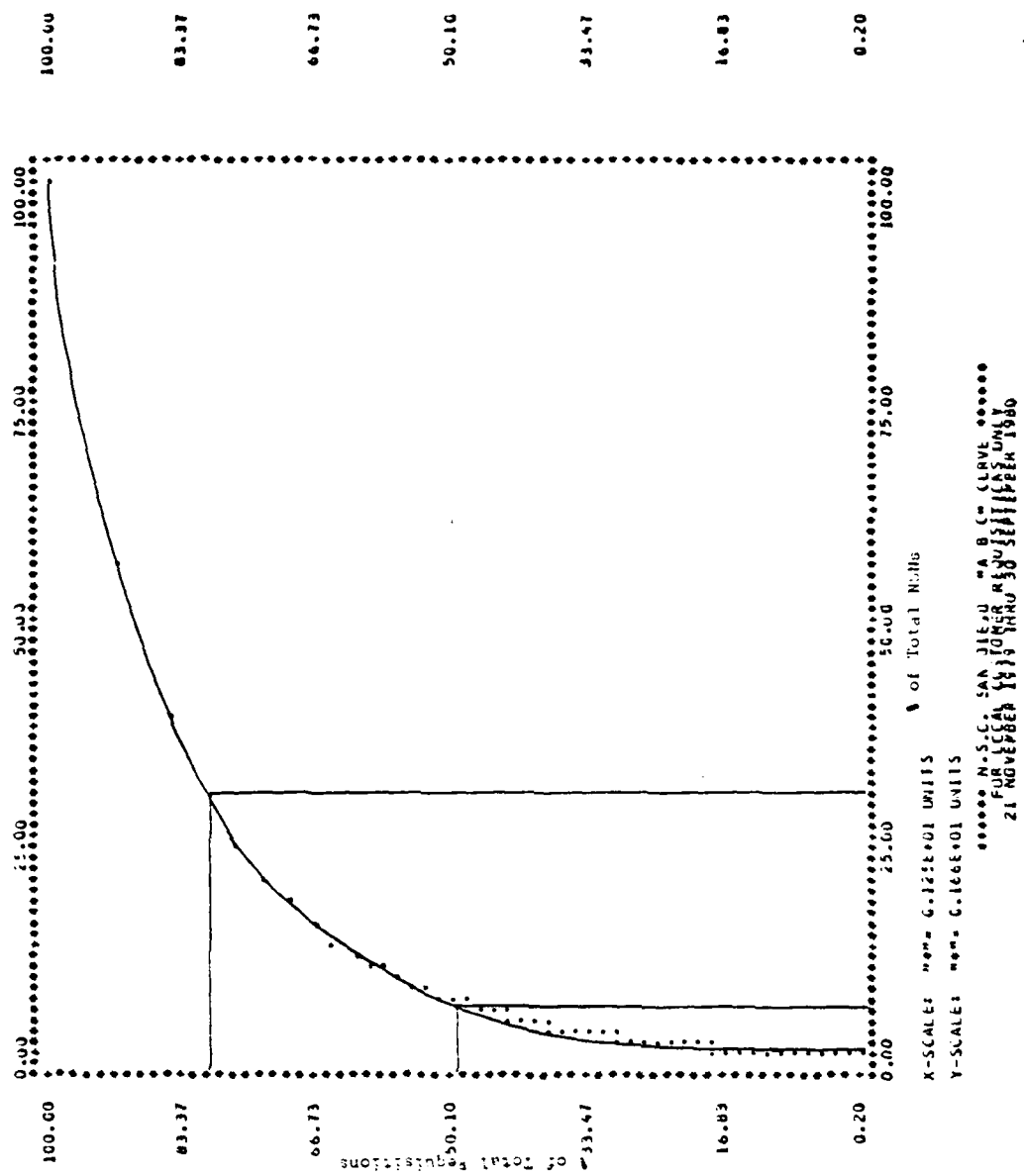


Figure 5. NSC ABC Curve (Requisitions versus NSNs)

2. Quantity Versus Requisitions

Figure 6 and Appendix I provide some insight into the percentages of quantities¹⁰ of material requisitioned as a function of the percentages of requisitions submitted by local customers. The graph demonstrates that a relatively small percentage of requisitions account for the bulk of the material ordered. For instance, it can be seen from the figure that 25 percent of the requisitions accounted for 94 percent of the total material ordered and 12 percent of the requisitions account for 85 percent.

The data in Appendix I is presented in quantity sequence descending from 5000 units (or more) on 1,171 requisitions to one unit on 389,223 requisitions. It is of interest to note that the quantities per requisition were generally rounded off to the nearest thousand or hundred when dealing in large amounts. Approximately 85 percent of the requisitions were for quantities of 50 or less and approximately 62 percent were for quantities of 10 or less.

D. COGNIZANCE SYMBOL ANALYSIS

During the period under observation, NSC local customers submitted requisitions for material representing 125 different COGs. Of this total number, 99.97 percent of all requisitions were for a group of 53 COGs which received 25 or more

¹⁰All units of issue were considered equal in this analysis. E.g., one "each" was considered equivalent to one "foot" was considered equivalent to one "barrel", etc.

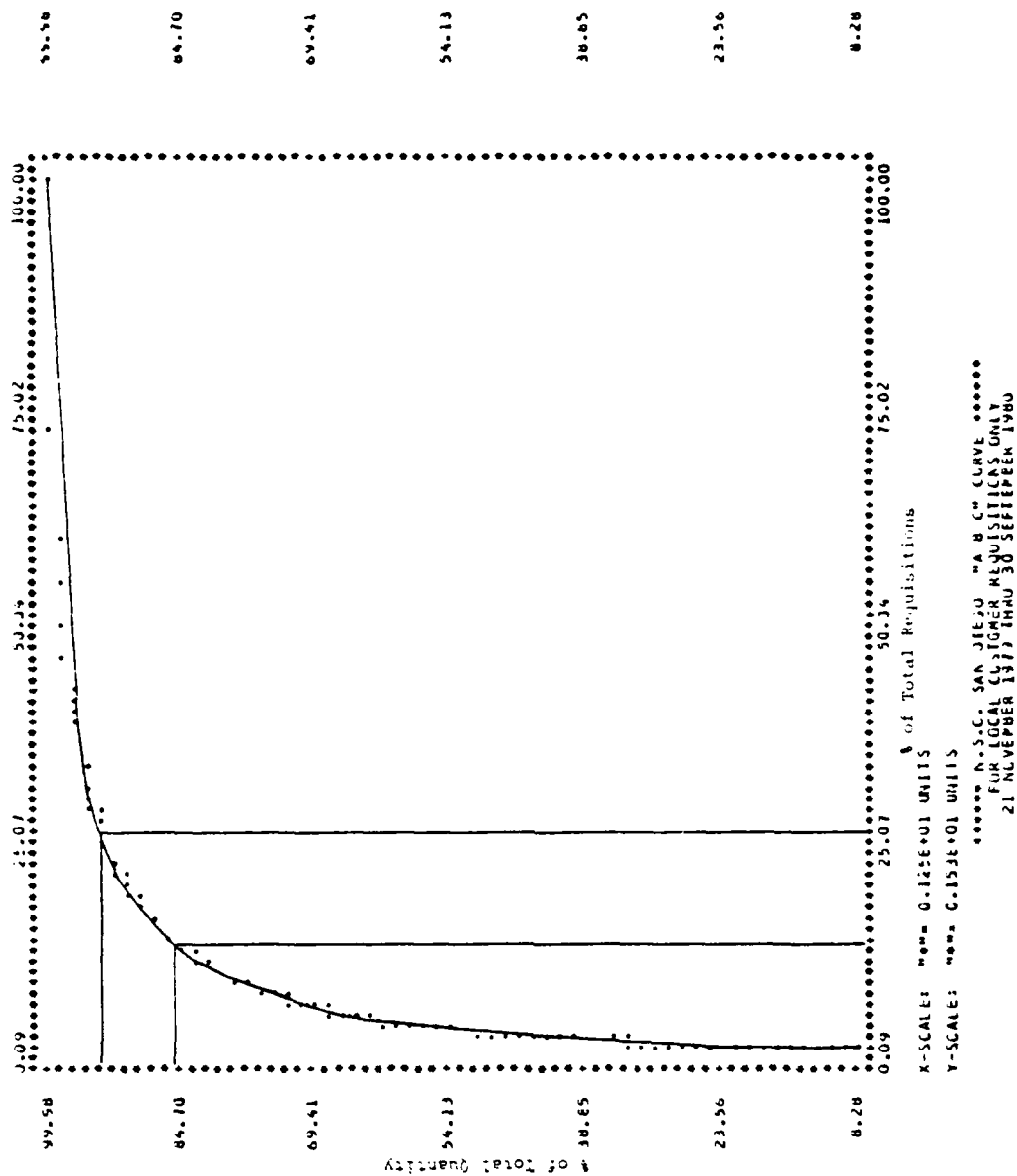


Figure 6. NSC ABC Curve (Quantity versus Requisitions)

requisitions each. The remaining 0.03 percent of all requisitions were distributed among the other 72 COGs that each received less than 25 requisitions.

Table 8 lists the 53 COGs that each received 25 or more requisitions. For repairable items, the SPCC controlled COGs 2H, 4G, and 4N, and the ASO controlled COG 2R accounted for the bulk of the requisitions. For consumables, the SPCC controlled COG 1H, the ASO controlled COGs 1R and 5R, and the FMSO controlled COGs 9C, 9G, 9L, 9N, 9Q and 9Z as well as non-Navy COGs CY, CZ, and KZ were all big business items.

E. ISSUE EFFECTIVENESS ON LOCAL CUSTOMER REQUISITIONS

A rough measure of supply effectiveness was obtained by comparing requisitions submitted for each type of material with requisitions filled and shipped mode 9 from the Supply Center to local customers. This was done to gauge the effectiveness of the supply center in satisfying local requirements from material in stock. Table 9 shows the same 53 cognizance symbols as Table 8. Table 9 however shows the number of those requisitions which were filled from local stock and shipped mode 9 from the supply to local customers. Effectiveness was computed as the number of issues divided by the number of requisitions (with a conversion to percentage) for each material cognizance category.

F. LOCAL CUSTOMER REQUISITION PRIORITIES

Figure 7 provides a histogram of local customer requisitions by issue priority designator. In this figure, the

TABLE 8

LOCAL CUSTOMER COG DEMANDS WITH 25 OR MORE
REQUISITIONS

COG	REQNS	MANAGER	MATERIAL DESCRIPTION
2F	247	NAVSEA	Major Ship Electronics Equipment
2H	5,212	SPCC	Shipboard Equip & Repair Parts
2J	48	NAVSEA	Major Ship Ordnance Equip
2R	2,544	ASO	Aviation Repairables
2S	140	NAVSEA	Major Ship R. M. & E.
2T	37	SPCC	Conventional Ammunition
2U	60	SPCC	Surface Missile Repair Parts
2Z	533	NAVLEX	Ground & Ship Electronics
4A	173	SPCC	Ordnance and Electronics
4G	9,161	SPCC	Electronic Repairables
4N	5,605	SPCC	Electronic Repairables
4R	40	ASO	Catapult & Arresting Gear
4T	152	SPCC	Torpedoes & Components
4U	270	SPCC	ASW Weapons Support
6G	596	SPCC	Electronic Test Equip
6R	31	ASO	Aviation GSE
6U	318	SPCC	Surface Weapons & Parts
8A	26	SPCC	Inert Nuc Weapons Material
8N	40	ASO	Training Equipment
8R	136	ASO	Major Aeronautical Equipment
8U	25	NAVATR	Sonobouys
1H	69,221	SPCC	Ship Equip & Repair Parts
1R	6,308	ASO	Aviation Consumables
5L	31	FMSC	Communication Material
5N	221	FMSC	Cryptologic Material
5R	1,346	ASO	Catapult & Arresting
9A	2,119	FMSC	(Army TAC) Vehicle Parts
9C	43,036	FMSC	(DCSC) Construction Parts
AX	439	DCSC	Construction Parts
9D	536	FMSC	(DPSC) Clothing and Supplies
9E	53	FMSC	Clothing and Supplies
9F	1,830	FMSC	Army Troop Support consumables
9G	32,944	FMSC	(W.P. ALC) Consumables
CX	432	DGSC	(DGSC) General Consumables
9H	2,666	FMSC	General Consumables
9I	1,448	FMSC	(Army) Armaments & Supplies
9J	1,147	FMSC	(Ogden ALC) Consumables
9K	1,143	FMSC	(Oklahoma City ALC) Consumables
9L	56,932	FMSC	(Sacramento ALC) Consumables
CZ	78,147	DPSC	(DPSC) Medical Supplies
9N	243,634	FMSC	Medical Supplies
TX	133	DESC	(DESC) Electronic Consumables
9O	598	FMSC	Electronic Consumables
PA	42	MCA	(MCA) Consumables
9Q	204,920	FMSC	Consumables
9S	165	FMSC	(GSA) Consumables
9V	1,750	FMSC	(Army) Missile Consumables
9W	1,025	FMSC	(USAF) Consumables
9X	2,755	FMSC	(Army) Air Consumables
9Y	5,310	FMSC	(DFSC) Petroleum Material
9Z	281,088	FMSC	(Army) Electronic Consumables
KZ	19,510	DISC	(DISC) Construction Supplies
			Construction Supplies

TABLE 9

EFFECTIVENESS OF NSC FOR LOCAL CUSTOMER REQUISITIONS

COG	REQNS	ISSUES	% EFFECTIVENESS
2F	247	67	27
2H	5,212	929	18
2J	48	16	33
2R	2,544	1,690	66
2S	140	55	39
2T	37	0	0
2U	60	9	15
2Z	533	176	33
4A	173	5	3
4G	9,161	4,074	45
4N	5,605	1,283	23
4R	40	2	5
4T	152	66	43
4U	270	15	6
6G	596	164	27
6R	91	21	23
6U	318	33	10
8A	26	3	11
8N	40	0	0
8R	136	127	93
8U	25	0	0
1H	69,221	22,925	33
1R	6,308	422	7
5L	31	15	48
5N	221	59	27
5R	1,346	34	3
9A	2,119	426	20
9C	143,036	79,731	56
AX	439	319	73
9D	536	335	63
CY	53,233	24,678	46
9E	63	0	0
9F	1,830	362	20
9G	132,944	83,990	63
CX	432	288	67
9H	2,666	1,516	57
9I	1,448	54	4
9J	1,147	66	6
9K	1,143	187	16
9L	56,932	42,172	74
CZ	78,147	69,071	88
9M	243,634	119,736	49
TX	133	82	62
9O	598	196	33
PA	42	0	0
9Q	204,920	163,999	80
9S	165	10	6
9V	1,750	357	20
9W	1,025	174	17
9X	2,755	2,696	98
9Y	5,310	3,723	70
9Z	281,088	146,166	52
KZ	19,510	4,232	22
Total	1,339,626	776,756	58

NSC LOCAL CUSTOMER REQUISITION PRIORITIES...PERCENTAGE FREQUENCY OF REQUISITIONS BY PRIORITY

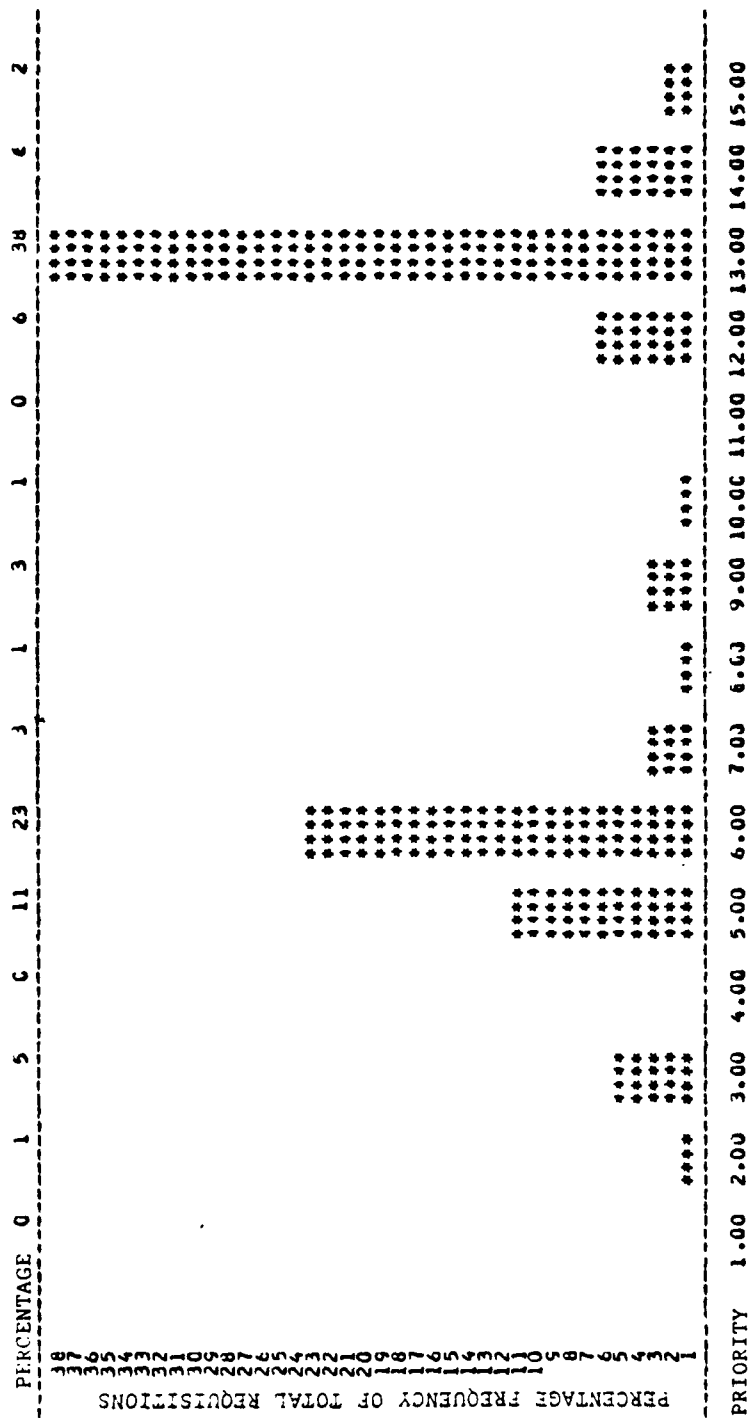


Figure 7. Local Customer Requisition Priorities

priority designators 01 to 15 are shown across the bottom horizontal axis. The vertical bars graphically indicate the relative percentages of the total requisitions within each priority group. The actual percentages values are printed above each bar along the upper horizontal axis. It should be noted that zero percent does not necessarily indicate a total absence of requisitions within a particular priority designator. It does indicate however that the number of requisitions with that designator was so small as to represent less than one percent of the total requisitions issued. Analysis of Figure 7 indicates that:

1. Eighteen percent of the requisitions were from F/AD II activities (priorities 02, 05, and 12). These are generally Fleet units that are within 60 days of deployment and submarines.

2. Sixty-six percent of the requisitions were from F/AD III activities (priorities 03, 06, 13). F/AD III is generally assigned to other combat ready forces and direct support forces which are not deployed or within 60 days of a deployment. F/AD III is also assigned to industrial or intermediate maintenance or repair activities (e.g., the NARF, ADs, ASs, or ARs) which provide direct logistics support for combat ready forces.

3. Sixteen percent of the requisitions were from activities or commands assigned F/ADs IV or V (priorities 07, 08, 09, 10, 14, 15). These F/ADs indicate commands of less military importance or readiness than F/ADs II or III.

4. Ten percent of the requisitions were for UND A material (priorities 02, 03, 07, 08) for which an immediate requirement existed without which the activity was unable to perform one or more of its primary missions.

5. Thirty-eight percent of the requisitions were for UND B material (priorities 05, 06, 09, 10) for which a requirement existed without which the activity's ability to perform one or more of its primary missions was significantly degraded.

6. Fifty-two percent of the requisitions were routine requirements of UND C material (priorities 12, 13, 14, 15).

7. Six percent of the requisitions were from IPG I (priorities 01, 02, 03)

8. Thirty-eight percent of the requisitions were from IPG II (priorities 04 through 08).

9. Fifty-six percent of the requisitions were from IPG III (priorities 09 through 15).

G. REQUISITION TRANSMISSION AND PROCESSING TIME

The average transmission and processing time experienced by local customers on requisitions submitted to the NSC was examined. For this analysis, customers were categorized as Fleet units (UIC beginning with a V or R) or shore stations (UIC beginning with an N). Within each category, requisitions were divided into IPG I, II, or III. Thus, there were six distinct orderings of customer type by IPG.

Only requisitions that had a document identifier designating a requisition for domestic shipment (document identifier AOA, AOB, AOD, or AOE) and which showed local delivery status (status code BA9 or BH9) were considered. This avoided distortions to the transmission time which would have otherwise been introduced by consideration of requisitions received at the NSC from deployed local customers.

Local customers transmit requisitions to the NSC via:

1. The Defense Automatic Addressing System (DAAS). DAAS is a "real time" computer system which uses the DoD Automatic Digital Network (AUTODIN) switching centers to transmit MILSTRIP messages to the proper addressee.
2. Local telecommunications terminals.
3. Mail.
4. Telephone or hand carry "walk throughs".

Transmissions via 1 and 2 arrive at the Navy Telecommunications Center, San Diego where they are transferred to magnetic tapes. The tapes are then delivered to the Supply Center's ADP Department. Mail requisitions are keypunched and recorded on tape at the NSC. All tapes are batch processed through the UADPS program UA38 for issue, backorder, or other action. High priority hand carried or telephone requisitions are processed by an on line terminal at the Supply Center and thence through the UADPS program UC02 for action. Requisition transmission time therefore is the number of days between the requisition date and the date of processing by either the UA38 or UC02 program.

Appendix J provides an in-depth analysis of requisition transmission time for the six orderings of customer type by IPG. For each category (e.g., Shore Stations IPG I), the appendix contains:

1. A count of the number of requisitions received at the NSC which took 1 day, or 2 days, or 3 days, or ..., or 46 (or more) days to transmit; the percentage of the category total that each of these daily counts represents; and the cumulative percentage of these daily counts.
2. A histogram showing the percentage frequency of requisitions for individual transmission times.
3. A histogram showing the cumulative percentage of requisitions for elapsed transmission time.

Appendix J is of interest because it shows what long transmission times a fairly substantial portion of the requisitions actually do have. By way of example, only 56 percent of Fleet IPG I requisitions were received at the NSC within one day of the requisition date and 205 of these requisitions (four percent of the total) took longer than 45 days to arrive.

Because of the number of requisitions with transmission times in excess of 45 days, the computation of a meaningful "average" transmission time is subject to considerable interpretation. For the sake of argument however, the author has chosen to consider those requisitions with transmission times of 30 days or less to be representative of the norm. This group of requisitions accounts for 88 to 96 percent of each

customer/IPG category. The average transmission times shown in Table 10 represent weighted averages computed by dividing the total number of requisitions in each customer/IPG category into the sum of each transmission time ($n = 1$ to 30) multiplied by its corresponding frequency of occurrence.

Table 10 also provides the mean processing time for these requisitions after receipt by the NSC. Because the processing times did not demonstrate nearly the degree of skewness as did the transmission times, no processing time histogram is provided. The processing time averages shown in Table 10 are considered to be reasonable estimates of a population average. It is noted that these times are merely an accounting for the delay involved in verifying material availability from the stock records and issuing a picking order to the warehouse or storage location. Not included in this measure is time delay incident to order picking, processing, and delivery.

TABLE 10		
LOCAL CUSTOMER AVERAGE REQUISITION TIME		
PRIORITY GROUP	AVERAGE TRANSMISSION TIME TO NSC	AVERAGE PROCESSING TIME AT NSC
Ashore Units		
I	5.3 days	1.2 days
II	5.5 days	1.4 days
III	4.7 days	9.1 days
Afloat Units		
I	3.3 days	1.1 days
II	5.5 days	1.8 days
III	6.2 days	6.3 days

H. LOCAL CUSTOMER REQUISITION PATTERNS

Appendix K contains a daily tabulation by requisition date of the 1,281,590 requisitions submitted by local customers to NSC San Diego from December 1979 to September 1980. The format shows totals by week, month, and year and monthly and yearly totals by day of the week. For ease of reference, Table 11 summarizes the total monthly requisitions.

TABLE 11			
SUMMARY OF REQUISITIONS RECEIVED FROM LOCAL CUSTOMERS			
MONTH	REQNS RECEIVED	% OF TOTAL	CUM % OF TOTAL
Dec '79	122,597	9	9
Jan '80	126,160	10	19
Feb	122,940	10	29
Mar	112,146	9	38
Apr	149,280	12	49
May	112,560	9	58
June	123,806	10	68
July	137,466	11	79
Aug	131,430	10	89
Sept	143,205	11	100
<hr/>			
Total	1,281,590		

Demand appeared relatively constant, averaging somewhere between 29,000 and 35,000 requisitions per week or 4,000 to 5,000 requisitions per day. An average of 4,000 requisitions were received from local customers on the weekends. In contrast to the NARF, local customers demand patterns do not show a large mid-year bulge. The cumulative requisitions increase almost linearly throughout the year.

I. SELECTED LOCAL CUSTOMER DEMAND PATTERNS

As was noted in Chapter III, the 297 local Navy activities accounted for 98.5 percent of all requisitions received at the NSC. Of this number, 26 activities submitted 62.5 percent. These activities are listed by descending sequence of activity in Table 12.

Appendix L summarizes the requisition patterns of each customer listed in Table 12 for the period 1 December 1979 through 30 September 1980. Totals of requisitions submitted are shown by week, month, and year plus monthly and yearly totals by day of the week. In addition to requisition counts, Appendix L shows, for each of the customers, the types of material by COG that the customer ordered and the number of requisitions submitted for each COG group.

J. LOCAL CUSTOMER HIGH DEMAND ITEMS

A magnetic tape listing of 25,492 items that received 11 or more requisitions from 21 November 1979 to 30 September 1980 has been provided to the NSC. This represents the upper 10 percent (by requisition frequency) of all NSNs demanded and accounts for 60 percent of the total requisitions received (see Appendix H). The tape is in a format identical to that of the one provided for the NARF (see Chapter III). Appendix M is a sample representation of this information.

As was discussed for the NARF, a search was also made for items with between three and seven requisitions whose cumulative quantities were greater than 3,000 or any item with a

TABLE 12
TOP 26 LOCAL CUSTOMERS IN ORDER OF REQUISITION
ACTIVITY

UIC	ACTIVITY OR COMMAND	% OF TOTAL RQNS
60258	Long Beach Naval Shipyard	6.2
00244	Naval Supply Center, San Diego	5.1
65888	Naval Air Rework Facility, North Island	5.9
00246	Naval Air Station, North Island	5.3
03361	USS Ranger (CV 61)	4.3
63918	Shore Intermediate Maintenance Facility	4.2
60259	Naval Air Station, Miramar	4.1
20132	USS Dixon (AS 37)	2.5
04621	USS Sperry (AS 12)	2.5
04648	USS Samuel Gompers (AD 37)	2.5
08810	USS Jason (AR 8)	2.1
03364	USS Constellation (CV 64)	2.0
04620	USS Prairie (AD 15)	1.6
20550	USS Tarawa (LHA 1)	1.5
08806	USS Ajax (AR 6)	1.4
63387	Navy Public Works Center	1.2
03363	USS Kitty Hawk (CV 63)	1.2
53988	Fleet Aviation Logistics Support Center	1.0
20633	USS Balleau Wood (LHA 3)	1.0
65884	NAVELEX Detachment, San Diego	1.0
52706	USS Sterett (CG 31)	0.9
04680	USS Buchanan (DDG 14)	0.8
68094	Navy Regional Medical Center, Camp Pendleton	0.8
68056	Navy Regional Medical Center, San Diego	0.8
66001	Naval Ocean Systems Center	0.8
61665	Fleet Combat Training Center, Pacific	0.7

single requisition quantity of at least 10,000. No items meeting these criteria were discovered.

The items on this tape are all prime candidates for stocking in the NISTARS warehouse. This system will permit state-of-the-art automated storage and issue of selected high-volume material. The key to successful implementation of this system will be selection for automated warehousing of those items that represent the greatest percentage of business for the NSC. Within that broad category, the optimal physical arrangement of material in the NISTARS warehouse will be that which minimizes movement of the storage/retrieval machines consistent with the weight and cubic storage requirements of each individual item. The data on this tape provided much of the information that is necessary for this analysis.

K. MATERIAL DELIVERIES TO LOCAL CUSTOMERS

This thesis does not address the mass, volume or scheduling of deliveries from the Supply Center to its local customers. For an extensive analysis of this subject, the reader's attention is invited to Reference 6.

VI. SUMMARY AND CONCLUSIONS

The decision to merge the wholesale supply support provided by the Naval Air Station, North Island and the Naval Supply Center, San Diego has been implemented by the Navy. The anticipation is that these consolidations will provide more effective supply support to local customers and decreased operating costs due to economies of scale.

Improvement suggests measurability. A means of assessing the degree of improvement or lack thereof must be developed in order that future analysts may more accurately judge the long term impact of the change. This thesis has established a baseline of pre-consolidation data by extraction of information from the demand history files of the NSC and NAS. The analyses concentrated on the requirements generated by the NARF and locally supported customers of the NSC from November 1979 through September 1980.

The following information was provided.

1. Pre-consolidation baseline data of requisition history for the NARF.
2. Identification of significant local customers of the NSC.
3. Pre-consolidation baseline data of local customer demands on the NSC.
4. A list of potential items to stock in a Ready Supply Store to support the NARF.

5. A list of potential items to stock in the NISTARS warehouse at the NSC.

The information provided can be used for development of material warehousing and distribution systems at the NSC. It may assist the management of the NSC in planning workload and space requirements for services to its new major customer, the NARF, as well as for its existing local customers. It provides a basis for identification of support problems and improvements to supply service in the San Diego area. Finally, it provides a reference point against which post-consolidation business comparisons may be made.

APPENDIX A

NARF REQUISITION FREQUENCIES PER NUMBER OF ITEMS

THE FOLLOWING TABLE SHOWS THE NUMBER OF NARF REQUISITIONS AND THE ALPHABET OF HITS PER 100 FOR NARF NORTH ISLANDS DURING THE PERIOD 21 NOVEMBER 1979 THRU 30 SEPTEMBER 1980

COLUMN HEADINGS ARE THE FOLLOWING:
 COLUMN 1 IS THE NUMBER OF REQUISITIONS ON A NARF
 COLUMN 2 IS THE NUMBER OF HITS PER 100
 COLUMN 3 IS THE ALPHABET OF HITS
 COLUMN 4 IS THE ALPHABET OF HITS
 COLUMN 5 IS THE ALPHABET OF HITS
 COLUMN 6 IS THE ALPHABET OF HITS
 COLUMN 7 IS THE ALPHABET OF HITS
 COLUMN 8 IS THE ALPHABET OF HITS
 COLUMN 9 IS THE ALPHABET OF HITS
 COLUMN 10 IS THE ALPHABET OF HITS
 COLUMN 11 IS THE ALPHABET OF HITS
 COLUMN 12 IS THE ALPHABET OF HITS
 COLUMN 13 IS THE ALPHABET OF HITS
 COLUMN 14 IS THE ALPHABET OF HITS
 COLUMN 15 IS THE ALPHABET OF HITS
 COLUMN 16 IS THE ALPHABET OF HITS
 COLUMN 17 IS THE ALPHABET OF HITS
 COLUMN 18 IS THE ALPHABET OF HITS
 COLUMN 19 IS THE ALPHABET OF HITS
 COLUMN 20 IS THE ALPHABET OF HITS
 COLUMN 21 IS THE ALPHABET OF HITS
 COLUMN 22 IS THE ALPHABET OF HITS
 COLUMN 23 IS THE ALPHABET OF HITS
 COLUMN 24 IS THE ALPHABET OF HITS
 COLUMN 25 IS THE ALPHABET OF HITS
 COLUMN 26 IS THE ALPHABET OF HITS
 COLUMN 27 IS THE ALPHABET OF HITS
 COLUMN 28 IS THE ALPHABET OF HITS
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 COLUMN 31 IS THE ALPHABET OF HITS
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 COLUMN 36 IS THE ALPHABET OF HITS
 COLUMN 37 IS THE ALPHABET OF HITS
 COLUMN 38 IS THE ALPHABET OF HITS
 COLUMN 39 IS THE ALPHABET OF HITS
 COLUMN 40 IS THE ALPHABET OF HITS
 COLUMN 41 IS THE ALPHABET OF HITS
 COLUMN 42 IS THE ALPHABET OF HITS
 COLUMN 43 IS THE ALPHABET OF HITS
 COLUMN 44 IS THE ALPHABET OF HITS
 COLUMN 45 IS THE ALPHABET OF HITS
 COLUMN 46 IS THE ALPHABET OF HITS
 COLUMN 47 IS THE ALPHABET OF HITS
 COLUMN 48 IS THE ALPHABET OF HITS
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 COLUMN 92 IS THE ALPHABET OF HITS
 COLUMN 93 IS THE ALPHABET OF HITS
 COLUMN 94 IS THE ALPHABET OF HITS
 COLUMN 95 IS THE ALPHABET OF HITS
 COLUMN 96 IS THE ALPHABET OF HITS
 COLUMN 97 IS THE ALPHABET OF HITS
 COLUMN 98 IS THE ALPHABET OF HITS
 COLUMN 99 IS THE ALPHABET OF HITS
 COLUMN 100 IS THE ALPHABET OF HITS

(1) NR HITS	(2) NR NS4	(3) NR NS4	(4) NR NS4	(5) NR NS4	(6) NR NS4	(7) NR NS4
139	11	11	11	11	11	11
134	11	11	11	11	11	11
126	11	11	11	11	11	11
110	11	11	11	11	11	11
106	11	11	11	11	11	11
103	11	11	11	11	11	11
99	11	11	11	11	11	11
94	11	11	11	11	11	11
91	11	11	11	11	11	11
87	11	11	11	11	11	11
80	11	11	11	11	11	11
79	11	11	11	11	11	11
76	11	11	11	11	11	11
75	11	11	11	11	11	11
72	11	11	11	11	11	11
71	11	11	11	11	11	11
70	11	11	11	11	11	11
64	11	11	11	11	11	11
63	11	11	11	11	11	11
62	11	11	11	11	11	11
61	11	11	11	11	11	11
60	11	11	11	11	11	11
59	11	11	11	11	11	11
55	11	11	11	11	11	11
54	11	11	11	11	11	11
53	11	11	11	11	11	11
50	11	11	11	11	11	11
49	11	11	11	11	11	11
47	11	11	11	11	11	11
46	11	11	11	11	11	11
44	11	11	11	11	11	11
43	11	11	11	11	11	11
42	11	11	11	11	11	11
41	11	11	11	11	11	11
40	11	11	11	11	11	11
39	11	11	11	11	11	11
36	11	11	11	11	11	11
35	11	11	11	11	11	11
34	11	11	11	11	11	11
33	11	11	11	11	11	11
32	11	11	11	11	11	11
31	11	11	11	11	11	11
30	11	11	11	11	11	11
29	11	11	11	11	11	11
28	11	11	11	11	11	11
27	11	11	11	11	11	11
26	11	11	11	11	11	11
25	11	11	11	11	11	11
24	11	11	11	11	11	11
23	11	11	11	11	11	11
22	11	11	11	11	11	11
21	11	11	11	11	11	11

21	32	111	111111	111111	111111	111111
20	94	111	111111	111111	111111	111111
19	117	111	111111	111111	111111	111111
18	124	111	111111	111111	111111	111111
17	161	111	111111	111111	111111	111111
16	174	111	111111	111111	111111	111111
15	164	111	111111	111111	111111	111111
14	164	111	111111	111111	111111	111111
13	164	111	111111	111111	111111	111111
12	164	111	111111	111111	111111	111111
11	164	111	111111	111111	111111	111111
10	164	111	111111	111111	111111	111111
9	164	111	111111	111111	111111	111111
8	164	111	111111	111111	111111	111111
7	164	111	111111	111111	111111	111111
6	164	111	111111	111111	111111	111111
5	164	111	111111	111111	111111	111111
4	164	111	111111	111111	111111	111111
3	164	111	111111	111111	111111	111111
2	164	111	111111	111111	111111	111111
1	164	111	111111	111111	111111	111111
20633		47727	10000000	10000000	10000000	10000000

APPENDIX B

NARF QUANTITIES AND REQUISITIONS

THE FOLLOWING TABLE SHOWS NARF QUANTITIES REQUISITIONED AND THE FREQUENCY OF OCCURRENCE OF THAT QUANTITY FOR NARF ACATH ISLAND DURING THE PERIOD 21 NOVEMBER 1979 THRU 30 SEPTEMBER 1980

COLUMN HEADINGS MEAN THE FOLLOWING:
 COLUMN 1 IS THE QUANTITY DEMANDED ON A REQUISITION (CONSIDERING ALL UNITS OF ISSUE AS EQUALS)
 COLUMN 2 IS THE NUMBER OF REQUISITIONS THAT DEMANDED THIS QUANTITY
 COLUMN 3 IS A CUMULATIVE SUMMATION OF THE NUMBER OF REQUISITIONS RECEIVED
 COLUMN 4 SHOWS COLUMN 2 AS A PERCENT OF THE TOTAL NUMBER OF REQUISITIONS RECEIVED
 COLUMN 5 SHOWS THE NET QUANTITY FOR THIS REQUISITION CATEGORY
 COLUMN 6 SHOWS COLUMN 5 AS A PERCENTAGE OF THE TOTAL QUANTITIES DEMANDED
 COLUMN 7 IS A CUMULATIVE SUMMATION OF COLUMN 6

(1) REQN QNTY	(2) # RCNS THIS QTY	(3) CUM RCNS (SUM CCL2)	(4) COL2 AS % OF TOT RCNS	(5) NET QTY COL1-COL3	(6) COL5 AS % OF TOT QTY	(7) CUM % CF TOT QTY
5030	222	322	0.73657	1610000.	13.51471	13.51671
4989	2	324	0.74115	1610000.	13.51471	13.60046
4972	1	325	0.74374	1610000.	13.51471	13.64221
4957	1	326	0.74632	1610000.	13.51471	13.68391
4944	1	327	0.74891	1610000.	13.51471	13.72559
4933	1	328	0.75150	1610000.	13.51471	13.76729
4923	1	329	0.75409	1610000.	13.51471	13.80898
4903	1	330	0.75668	1610000.	13.51471	13.85068
4875	1	331	0.75927	1610000.	13.51471	13.89237
4859	1	332	0.76186	1610000.	13.51471	13.93407
4830	1	333	0.76445	1610000.	13.51471	13.97576
4823	1	334	0.76704	1610000.	13.51471	14.01746
4812	1	335	0.76963	1610000.	13.51471	14.05915
4805	2	337	0.77222	1610000.	13.51471	14.10085
4800	4	341	0.77788	1610000.	13.51471	14.18500
4774	1	342	0.78047	1610000.	13.51471	14.22670
4658	1	343	0.78306	1610000.	13.51471	14.26840
4673	1	344	0.78565	1610000.	13.51471	14.31010
4670	1	345	0.78824	1610000.	13.51471	14.35180
4655	1	346	0.79083	1610000.	13.51471	14.39350
4553	1	347	0.79342	1610000.	13.51471	14.43520
4524	1	348	0.79601	1610000.	13.51471	14.47690
4524	1	349	0.79860	1610000.	13.51471	14.51860
4500	1	350	0.80119	1610000.	13.51471	14.56030
4472	1	351	0.80378	1610000.	13.51471	14.60200
4472	1	352	0.80637	1610000.	13.51471	14.64370
4417	1	353	0.80896	1610000.	13.51471	14.68540
4400	1	354	0.81155	1610000.	13.51471	14.72710
4350	1	355	0.81414	1610000.	13.51471	14.76880
4300	1	356	0.81673	1610000.	13.51471	14.81050
4292	1	357	0.81932	1610000.	13.51471	14.85220
4287	1	358	0.82191	1610000.	13.51471	14.89390
4253	1	359	0.82450	1610000.	13.51471	14.93560
4235	1	360	0.82709	1610000.	13.51471	14.97730
4228	1	361	0.82968	1610000.	13.51471	15.01900
4200	1	362	0.83227	1610000.	13.51471	15.06070
4163	1	363	0.83486	1610000.	13.51471	15.10240
4098	1	364	0.83745	1610000.	13.51471	15.14410
4075	1	365	0.84004	1610000.	13.51471	15.18580
4060	1	366	0.84263	1610000.	13.51471	15.22750
4038	1	367	0.84522	1610000.	13.51471	15.26920
4132	1	368	0.84781	1610000.	13.51471	15.31090
4120	1	369	0.85040	1610000.	13.51471	15.35260
3993	2	371	0.85558	1610000.	13.51471	15.43100
3993	1	372	0.85817	1610000.	13.51471	15.47270
3974	1	373	0.86076	1610000.	13.51471	15.51440
3970	1	374	0.86335	1610000.	13.51471	15.55610
3970	1	375	0.86594	1610000.	13.51471	15.59780
3871	1	376	0.86853	1610000.	13.51471	15.63950
3864	1	377	0.87112	1610000.	13.51471	15.68120
3827	1	378	0.87371	1610000.	13.51471	15.72290
3825	1	379	0.87630	1610000.	13.51471	15.76460
3800	1	380	0.87889	1610000.	13.51471	15.80630
3774	1	381	0.88148	1610000.	13.51471	15.84800
3700	1	382	0.88407	1610000.	13.51471	15.88970
3675	1	383	0.88666	1610000.	13.51471	15.93140
3678	1	384	0.88925	1610000.	13.51471	15.97310
3675	1	385	0.89184	1610000.	13.51471	16.01480
3681	1	386	0.89443	1610000.	13.51471	16.05650
3651	1	387	0.89702	1610000.	13.51471	16.09820
3630	1	388	0.89961	1610000.	13.51471	16.13990
3590	1	389	0.90220	1610000.	13.51471	16.18160
3587	1	390	0.90479	1610000.	13.51471	16.22330
3575	1	391	0.90738	1610000.	13.51471	16.26500
3543	1	392	0.91000	1610000.	13.51471	16.30670

1446	1	446	1.01565	3111035	0.02377	17.77828
1447	1	447	1.01793	2111142	0.02469	17.30748
1448	1	448	1.02022	2121277	0.02468	17.83766
1449	1	449	1.02251	2131412	0.02468	18.16022
1450	1	450	1.02480	2141547	0.02468	18.16022
1451	1	451	1.02709	2151682	0.02468	18.16022
1452	1	452	1.02938	2161817	0.02468	18.16022
1453	1	453	1.03167	2171952	0.02468	18.16022
1454	1	454	1.03396	2182087	0.02468	18.16022
1455	1	455	1.03625	2192222	0.02468	18.16022
1456	1	456	1.03854	2202357	0.02468	18.16022
1457	1	457	1.04083	2212492	0.02468	18.16022
1458	1	458	1.04312	2222627	0.02468	18.16022
1459	1	459	1.04541	2232762	0.02468	18.16022
1460	1	460	1.04770	2242897	0.02468	18.16022
1461	1	461	1.05000	2253032	0.02468	18.16022
1462	1	462	1.05229	2263167	0.02468	18.16022
1463	1	463	1.05458	2273302	0.02468	18.16022
1464	1	464	1.05687	2283437	0.02468	18.16022
1465	1	465	1.05916	2293572	0.02468	18.16022
1466	1	466	1.06145	2303707	0.02468	18.16022
1467	1	467	1.06374	2313842	0.02468	18.16022
1468	1	468	1.06603	2323977	0.02468	18.16022
1469	1	469	1.06832	2334112	0.02468	18.16022
1470	1	470	1.07061	2344247	0.02468	18.16022
1471	1	471	1.07290	2354382	0.02468	18.16022
1472	1	472	1.07519	2364517	0.02468	18.16022
1473	1	473	1.07748	2374652	0.02468	18.16022
1474	1	474	1.07977	2384787	0.02468	18.16022
1475	1	475	1.08206	2394922	0.02468	18.16022
1476	1	476	1.08435	2405057	0.02468	18.16022
1477	1	477	1.08664	2415192	0.02468	18.16022
1478	1	478	1.08893	2425327	0.02468	18.16022
1479	1	479	1.09122	2435462	0.02468	18.16022
1480	1	480	1.09351	2445597	0.02468	18.16022
1481	1	481	1.09580	2455732	0.02468	18.16022
1482	1	482	1.09809	2465867	0.02468	18.16022
1483	1	483	1.10038	2476002	0.02468	18.16022
1484	1	484	1.10267	2486137	0.02468	18.16022
1485	1	485	1.10496	2496272	0.02468	18.16022
1486	1	486	1.10725	2506407	0.02468	18.16022
1487	1	487	1.10954	2516542	0.02468	18.16022
1488	1	488	1.11183	2526677	0.02468	18.16022
1489	1	489	1.11412	2536812	0.02468	18.16022
1490	1	490	1.11641	2546947	0.02468	18.16022
1491	1	491	1.11870	2557082	0.02468	18.16022
1492	1	492	1.12100	2567217	0.02468	18.16022
1493	1	493	1.12329	2577352	0.02468	18.16022
1494	1	494	1.12558	2587487	0.02468	18.16022
1495	1	495	1.12787	2597622	0.02468	18.16022
1496	1	496	1.13016	2607757	0.02468	18.16022
1497	1	497	1.13245	2617892	0.02468	18.16022
1498	1	498	1.13474	2628027	0.02468	18.16022
1499	1	499	1.13703	2638162	0.02468	18.16022
1500	1	500	1.13932	2648297	0.02468	18.16022
1501	1	501	1.14161	2658432	0.02468	18.16022
1502	1	502	1.14390	2668567	0.02468	18.16022
1503	1	503	1.14619	2678702	0.02468	18.16022
1504	1	504	1.14848	2688837	0.02468	18.16022
1505	1	505	1.15077	2698972	0.02468	18.16022
1506	1	506	1.15306	2709107	0.02468	18.16022
1507	1	507	1.15535	2719242	0.02468	18.16022
1508	1	508	1.15764	2729377	0.02468	18.16022
1509	1	509	1.15993	2739512	0.02468	18.16022
1510	1	510	1.16222	2749647	0.02468	18.16022
1511	1	511	1.16451	2759782	0.02468	18.16022
1512	1	512	1.16680	2769917	0.02468	18.16022
1513	1	513	1.16909	2780052	0.02468	18.16022
1514	1	514	1.17138	2790187	0.02468	18.16022
1515	1	515	1.17367	2800322	0.02468	18.16022
1516	1	516	1.17596	2810457	0.02468	18.16022
1517	1	517	1.17825	2820592	0.02468	18.16022
1518	1	518	1.18054	2830727	0.02468	18.16022
1519	1	519	1.18283	2840862	0.02468	18.16022
1520	1	520	1.18512	2850997	0.02468	18.16022
1521	1	521	1.18741	2861132	0.02468	18.16022
1522	1	522	1.18970	2871267	0.02468	18.16022
1523	1	523	1.19199	2881402	0.02468	18.16022
1524	1	524	1.19428	2891537	0.02468	18.16022
1525	1	525	1.19657	2901672	0.02468	18.16022
1526	1	526	1.19886	2911807	0.02468	18.16022
1527	1	527	1.20115	2921942	0.02468	18.16022
1528	1	528	1.20344	2932077	0.02468	18.16022
1529	1	529	1.20573	2942212	0.02468	18.16022
1530	1	530	1.20802	2952347	0.02468	18.16022
1531	1	531	1.21031	2962482	0.02468	18.16022
1532	1	532	1.21260	2972617	0.02468	18.16022
1533	1	533	1.21489	2982752	0.02468	18.16022
1534	1	534	1.21718	2992887	0.02468	18.16022
1535	1	535	1.21947	3003022	0.02468	18.16022
1536	1	536	1.22176	3013157	0.02468	18.16022
1537	1	537	1.22405	3023292	0.02468	18.16022
1538	1	538	1.22634	3033427	0.02468	18.16022
1539	1	539	1.22863	3043562	0.02468	18.16022
1540	1	540	1.23092	3053697	0.02468	18.16022
1541	1	541	1.23321	3063832	0.02468	18.16022
1542	1	542	1.23550	3073967	0.02468	18.16022
1543	1	543	1.23779	3084102	0.02468	18.16022
1544	1	544	1.24008	3094237	0.02468	18.16022
1545	1	545	1.24237	3104372	0.02468	18.16022
1546	1	546	1.24466	3114507	0.02468	18.16022
1547	1	547	1.24695	3124642	0.02468	18.16022
1548	1	548	1.24924	3134777	0.02468	18.16022
1549	1	549	1.25153	3144912	0.02468	18.16022
1550	1	550	1.25382	3155047	0.02468	18.16022
1551	1	551	1.25611	3165182	0.02468	18.16022
1552	1	552	1.25840	3175317	0.02468	18.16022
1553	1	553	1.26069	3185452	0.02468	18.16022
1554	1	554	1.26298	3195587	0.02468	18.16022
1555	1	555	1.26527	3205722	0.02468	18.16022
1556	1	556	1.26756	3215857	0.02468	18.16022
1557	1	557	1.26985	3225992	0.02468	18.16022
1558	1	558	1.27214	3236127	0.02468	18.16022
1559	1	559	1.27443	3246262	0.02468	18.16022
1560	1	560	1.27672	3256397	0.02468	18.16022
1561	1	561	1.27901	3266532	0.02468	18.16022
1562	1	562	1.28130	3276667	0.02468	18.16022
1563	1	563	1.28359	3286802	0.02468	18.16022
1564	1	564	1.28588	3296937	0.02468	18.16022
1565	1	565	1.28817	3307072	0.02468	18.16022
1566	1	566	1.29046	3317207	0.02468	18.16022
1567	1	567	1.29275	3327342	0.02468	18.16022
1568	1	568	1.29504	3337477	0.02468	18.16022
1569	1	569	1.29733	3347612	0.02468	18.16022
1570	1	570	1.29962	3357747	0.02468	18.16022
1571	1	571	1.30191	3367882	0.02468	18.16022

23.00	1	733	1.67444	24.1349.	0.02000	24.88541
23.82	1	733	1.67673	24.1431.	0.02000	24.87939
23.18	1	734	1.67902	24.1514.	0.02000	24.88886
23.00	1	734	1.68131	24.1597.	0.02000	24.88187
23.86	1	734	1.68359	24.1680.	0.02000	24.87356
23.74	1	734	1.68588	24.1763.	0.02000	24.86507
23.56	1	734	1.68817	24.1846.	0.02000	24.85657
23.38	1	734	1.69046	24.1929.	0.02000	24.84808
23.20	1	734	1.69275	24.2012.	0.02000	24.83959
23.02	16	734	1.69504	24.2095.	0.02000	24.83110
22.84	1	734	1.69733	24.2178.	0.02000	24.82261
22.66	1	734	1.69962	24.2261.	0.02000	24.81412
22.48	1	734	1.70191	24.2344.	0.02000	24.80563
22.30	1	734	1.70420	24.2427.	0.02000	24.79714
22.12	1	734	1.70649	24.2510.	0.02000	24.78865
21.94	1	734	1.70878	24.2593.	0.02000	24.78016
21.76	1	734	1.71107	24.2676.	0.02000	24.77167
21.58	1	734	1.71336	24.2759.	0.02000	24.76318
21.40	1	734	1.71565	24.2842.	0.02000	24.75469
21.22	1	734	1.71794	24.2925.	0.02000	24.74620
21.04	1	734	1.72023	24.3008.	0.02000	24.73771
20.86	1	734	1.72252	24.3091.	0.02000	24.72922
20.68	1	734	1.72481	24.3174.	0.02000	24.72073
20.50	1	734	1.72710	24.3257.	0.02000	24.71224
20.32	1	734	1.72939	24.3340.	0.02000	24.70375
20.14	1	734	1.73168	24.3423.	0.02000	24.69526
20.00	724	734	1.73397	24.3506.	0.02000	24.68677
19.96	1	734	1.73626	24.3589.	0.02000	24.67828
19.74	1	734	1.73855	24.3672.	0.02000	24.66979
19.70	1	734	1.74084	24.3755.	0.02000	24.66130
19.63	1	734	1.74313	24.3838.	0.02000	24.65281
19.57	1	734	1.74542	24.3921.	0.02000	24.64432
19.50	1	734	1.74771	24.4004.	0.02000	24.63583
19.44	1	734	1.75000	24.4087.	0.02000	24.62734
19.36	1	734	1.75229	24.4170.	0.02000	24.61885
19.35	1	734	1.75458	24.4253.	0.02000	24.61036
19.30	1	734	1.75687	24.4336.	0.02000	24.60187
19.26	1	734	1.75916	24.4419.	0.02000	24.59338
19.25	1	734	1.76145	24.4502.	0.02000	24.58489
19.16	1	734	1.76374	24.4585.	0.02000	24.57640
19.10	1	734	1.76603	24.4668.	0.02000	24.56791
19.02	1	734	1.76832	24.4751.	0.02000	24.55942
19.00	1	734	1.77061	24.4834.	0.02000	24.55093
18.95	1	734	1.77290	24.4917.	0.02000	24.54244
18.88	1	734	1.77519	24.5000.	0.02000	24.53395
18.86	1	734	1.77748	24.5083.	0.02000	24.52546
18.80	1	734	1.77977	24.5166.	0.02000	24.51697
18.70	1	734	1.78206	24.5249.	0.02000	24.50848
18.65	1	734	1.78435	24.5332.	0.02000	24.49999
18.61	1	734	1.78664	24.5415.	0.02000	24.49150
18.60	1	734	1.78893	24.5498.	0.02000	24.48301
18.51	1	734	1.79122	24.5581.	0.02000	24.47452
18.50	1	734	1.79351	24.5664.	0.02000	24.46603
18.42	1	734	1.79580	24.5747.	0.02000	24.45754
18.40	3	734	1.79809	24.5830.	0.02000	24.44905
18.30	2	734	1.79999	24.5913.	0.02000	24.44056
18.28	2	734	1.80228	24.6000.	0.02000	24.43207
18.31	1	734	1.80457	24.6083.	0.02000	24.42358
18.20	1	734	1.80686	24.6166.	0.02000	24.41509
18.15	1	734	1.80915	24.6249.	0.02000	24.40660
18.07	1	734	1.81144	24.6332.	0.02000	24.39811
18.05	2	734	1.81373	24.6415.	0.02000	24.38962
18.00	22	734	1.81602	24.6498.	0.02000	24.38113
17.91	1	734	1.81831	24.6581.	0.02000	24.37264
17.86	1	734	1.82060	24.6664.	0.02000	24.36415
17.73	1	734	1.82289	24.6747.	0.02000	24.35566
17.70	1	734	1.82518	24.6830.	0.02000	24.34717
17.64	1	734	1.82747	24.6913.	0.02000	24.33868
17.64	3	734	1.82976	24.7000.	0.02000	24.33019
17.59	2	734	1.83205	24.7083.	0.02000	24.32170
17.56	1	734	1.83434	24.7166.	0.02000	24.31321
17.50	1	734	1.83663	24.7249.	0.02000	24.30472
17.40	1	734	1.83892	24.7332.	0.02000	24.29623
17.30	1	734	1.84121	24.7415.	0.02000	24.28774
17.20	1	734	1.84350	24.7498.	0.02000	24.27925
17.10	1	734	1.84579	24.7581.	0.02000	24.27076
17.00	1	734	1.84808	24.7664.	0.02000	24.26227
16.90	1	734	1.85037	24.7747.	0.02000	24.25378
16.80	1	734	1.85266	24.7830.	0.02000	24.24529
16.70	1	734	1.85495	24.7913.	0.02000	24.23680
16.60	1	734	1.85724	24.8000.	0.02000	24.22831
16.50	1	734	1.85953	24.8083.	0.02000	24.21982
16.40	1	734	1.86182	24.8166.	0.02000	24.21133
16.30	1	734	1.86411	24.8249.	0.02000	24.20284
16.20	1	734	1.86640	24.8332.	0.02000	24.19435
16.10	1	734	1.86869	24.8415.	0.02000	24.18586
16.00	1	734	1.87098	24.8498.	0.02000	24.17737
15.90	1	734	1.87327	24.8581.	0.02000	24.16888
15.80	1	734	1.87556	24.8664.	0.02000	24.16039
15.70	1	734	1.87785	24.8747.	0.02000	24.15190
15.60	1	734	1.88014	24.8830.	0.02000	24.14341
15.50	1	734	1.88243	24.8913.	0.02000	24.13492
15.40	1	734	1.88472	24.9000.	0.02000	24.12643
15.30	1	734	1.88701	24.9083.	0.02000	24.11794
15.20	1	734	1.88930	24.9166.	0.02000	24.10945
15.10	1	734	1.89159	24.9249.	0.02000	24.10096
15.00	1	734	1.89388	24.9332.	0.02000	24.09247
14.90	1	734	1.89617	24.9415.	0.02000	24.08398
14.80	1	734	1.89846	24.9500.	0.02000	24.07549
14.70	1	734	1.90075	24.9583.	0.02000	24.06700
14.60	1	734	1.90304	24.9666.	0.02000	24.05851
14.50	1	734	1.90533	24.9749.	0.02000	24.05002
14.40	1	734	1.90762	24.9832.	0.02000	24.04153
14.30	1	734	1.90991	24.9915.	0.02000	24.03304
14.20	1	734	1.91220	25.0000.	0.02000	24.02455
14.10	1	734	1.91449	25.0083.	0.02000	24.01606
14.00	1	734	1.91678	25.0166.	0.02000	24.00757
13.90	1	734	1.91907	25.0249.	0.02000	24.00008
13.80	1	734	1.92136	25.0332.	0.02000	23.99159
13.70	1	734	1.92365	25.0415.	0.02000	23.98310
13.60	1	734	1.92594	25.0500.	0.02000	23.97461
13.50	1	734	1.92823	25.0583.	0.02000	23.96612
13.40	1	734	1.93052	25.0666.	0.02000	23.95763
13.30	1	734	1.93281	25.0749.	0.02000	23.94914
13.20	1	734	1.93510	25.0832.	0.02000	23.94065
13.10	1	734	1.93739	25.0915.	0.02000	23.93216
13.00	1	734	1.93968	25.1000.	0.02000	23.92367
12.90	1	734	1.94197	25.1083.	0.02000	23.91518
12.80	1	734	1.94426	25.1166.	0.02000	23.90669
12.70	1	734	1.94655	25.1249.	0.02000	23.89820
12.60	1	734	1.94884	25.1332.	0.02000	23.88971
12.50	1	734	1.95113	25.1415.	0.02000	23.88122
12.40	1	734	1.95342	25.1500.	0.02000	23.87273
12.30	1	734	1.95571	25.1583.	0.02000	23.86424
12.20	1	734	1.95800	25.1666.	0.02000	23.85575
12.10	1	734	1.96029	25.1749.	0.02000	23.84726
12.00	1	734	1.96258	25.1832.	0.02000	23.83877
11.90	1	734	1.96487	25.1915.	0.02000	23.83028
11.80	1	734	1.96716	25.2000.	0.02000	23.82179
11.70	1	734	1.96945	25.2083.	0.02000	23.81330
11.60	1	734	1.97174	25.2166.	0.02000	23.80481
11.50	1	734	1.97403	25.2249.	0.02000	23.79632
11.40	1	734	1.97632	25.2332.	0.02000	23.78783
11.30	1	734	1.97861	25.2415.	0.02000	23.77934
11.20	1	734	1.98090	25.2500.	0.02000	23.77085
11.10	1	734	1.98319	25.2583.	0.02000	23.76236
11.00	1	734	1.98548	25.2666.	0.02000	23.75387
10.90	1	734	1.98777	25.2749.	0.02000	23.74538
10.80	1	734	1.99006	25.2832.	0.02000	23.73689
10.70	1	734	1.99235	25.2915.	0.02000	23.72840
10.60	1	734	1.99464	25.3000.	0.02000	23.71991
10.50	1	734	1.99693	25.3083.	0.02000	23.71142
10.40	1	734	1.99922	25.3166.	0.02000	23.70293
10.30	1	734	2.00151	25.3249.	0.02000	23.69444
10.20	1	734	2.00380	25.3332.	0.02000	23.68595
10.10	1	734	2.00609	25.3415.	0.02000	23.67746
10.00	1	734	2.00838	25.3500.	0.02000	23.66897
9.90	1	734	2.01067	25.3583.	0.02000	23.66048
9.80	1	734	2.01296	25.3666.	0.02000	23.65199
9.70	1	734	2.01525	25.3749.	0.02000	23.64350
9.60	1	734	2.01754	25.3832.	0.02000	23.63501
9.50	1	734	2.01983	25.3915.	0.02000	23.62652
9.40	1	734	2.02212	25.4000.	0.02000	23.61803
9.30	1	734	2.02441	25.4083.	0.02000	23.60954
9.20	1	734	2.02670	25.4166.	0.02000	23.60105
9.10	1	734	2.02899	25.4249.	0.02000	23.59256
9.00	1	734	2.03128	25.4332.	0.02000	23.58407
8.90	1	734	2.03357	25.4415.	0.02000	23.57558
8.80	1	734	2.03586	25.4500.	0.02000	23.56709
8.70	1	734	2.03815	25.4583.	0.02000	23.55860
8.60	1	734	2.04044	25.4666.	0.02000	23.55011

1722	1	1717	3.731087	47251.55	0.014646	39.7467
1737	2	1514	3.73345	4724220.	0.02617	39.70403
1723	1	1620	3.72574	4720353.	0.01465	39.71558
1723	1	1621	3.70532	4720416.	0.01467	39.73305
1718	1	1623	3.71242	4720112.	0.01465	39.70189
1714	1	1625	3.71542	4720354.	0.01464	39.71558
1708	1	1627	3.71717	4720354.	0.01464	39.70060
1704	1	1630	3.72851	4720354.	0.01467	39.68220
1703	1	1631	3.70442	4720354.	0.01465	39.71558
1700	1	1650	3.77365	4720354.	0.01465	39.71558
1697	1	1651	3.77605	4720354.	0.01465	39.71558
1696	1	1652	3.77844	4720354.	0.01465	39.71558
1695	1	1653	3.78222	4720354.	0.01465	39.71558
1692	1	1654	3.78501	4720354.	0.01465	39.71558
1688	1	1655	3.78540	4720354.	0.01465	39.71558
1685	1	1656	3.78409	4720354.	0.01465	39.71558
1687	1	1653	3.78266	4720354.	0.01465	39.71558
1686	1	1653	3.78409	4720354.	0.01465	39.71558
1683	1	1660	3.79726	4720354.	0.01465	39.71558
1680	1	1663	3.80411	4720354.	0.01465	39.71558
1641	1	1664	3.80849	4720354.	0.01465	39.71558
1640	1	1665	3.81477	4720354.	0.01465	39.71558
1631	1	1666	3.81046	4720354.	0.01465	39.71558
1625	1	1667	3.81325	4720354.	0.01465	39.71558
1623	1	1668	3.81354	4720354.	0.01465	39.71558
1613	1	1669	3.82732	4720354.	0.01465	39.71558
1605	1	1670	3.82011	4720354.	0.01465	39.71558
1603	1	1671	3.81445	4720354.	0.01465	39.71558
1602	1	1672	3.81167	4720354.	0.01465	39.71558
1592	1	1676	3.84416	4720354.	0.01465	39.71558
1590	1	1677	3.84545	4720354.	0.01465	39.71558
1589	1	1678	3.84874	4720354.	0.01465	39.71558
1585	1	1702	3.85331	4720354.	0.01465	39.71558
1583	1	1733	3.85682	4720354.	0.01465	39.71558
1582	1	1734	3.85784	4720354.	0.01465	39.71558
1576	1	1735	3.85246	4720354.	0.01465	39.71558
1575	1	1737	3.85475	4720354.	0.01465	39.71558
1571	1	1739	3.85932	4720354.	0.01465	39.71558
1566	1	1742	3.86143	4720354.	0.01465	39.71558
1564	1	1743	3.85847	4720354.	0.01465	39.71558
1555	1	1744	3.85306	4720354.	0.01465	39.71558
1553	1	1745	3.85209	4720354.	0.01465	39.71558
1552	1	1747	3.85426	4720354.	0.01465	39.71558
1533	1	1753	3.84135	4720354.	0.01465	39.71558
1516	1	1754	3.84364	4720354.	0.01465	39.71558
1515	1	1755	3.84597	4720354.	0.01465	39.71558
1513	1	1756	3.84830	4720354.	0.01465	39.71558
1510	1	1757	3.85062	4720354.	0.01465	39.71558
1508	1	1758	3.85295	4720354.	0.01465	39.71558
1500	1	1759	3.85528	4720354.	0.01465	39.71558
1493	1	1811	3.84400	4720354.	0.01465	39.71558
1455	1	1832	3.85044	4720354.	0.01465	39.71558
1450	1	1833	3.85277	4720354.	0.01465	39.71558
1447	1	1834	3.85510	4720354.	0.01465	39.71558
1446	1	1835	3.85743	4720354.	0.01465	39.71558
1444	1	1836	3.85976	4720354.	0.01465	39.71558
1443	1	1837	3.86209	4720354.	0.01465	39.71558
1442	1	1838	3.86442	4720354.	0.01465	39.71558
1441	1	1839	3.86675	4720354.	0.01465	39.71558
1440	1	1840	3.86908	4720354.	0.01465	39.71558
1439	1	1841	3.87141	4720354.	0.01465	39.71558
1438	1	1842	3.87374	4720354.	0.01465	39.71558
1437	1	1843	3.87607	4720354.	0.01465	39.71558
1436	1	1844	3.87840	4720354.	0.01465	39.71558
1435	1	1845	3.88073	4720354.	0.01465	39.71558
1434	1	1846	3.88306	4720354.	0.01465	39.71558
1433	1	1847	3.88539	4720354.	0.01465	39.71558
1432	1	1848	3.88772	4720354.	0.01465	39.71558
1431	1	1849	3.89005	4720354.	0.01465	39.71558
1430	1	1850	3.89238	4720354.	0.01465	39.71558
1429	1	1851	3.89471	4720354.	0.01465	39.71558
1428	1	1852	3.89704	4720354.	0.01465	39.71558
1427	1	1853	3.89937	4720354.	0.01465	39.71558
1426	1	1854	3.90170	4720354.	0.01465	39.71558
1425	1	1855	3.90403	4720354.	0.01465	39.71558
1424	1	1856	3.90636	4720354.	0.01465	39.71558
1423	1	1857	3.90869	4720354.	0.01465	39.71558
1422	1	1858	3.91102	4720354.	0.01465	39.71558
1421	1	1859	3.91335	4720354.	0.01465	39.71558
1420	1	1860	3.91568	4720354.	0.01465	39.71558
1419	1	1861	3.91801	4720354.	0.01465	39.71558
1418	1	1862	3.92034	4720354.	0.01465	39.71558
1417	1	1863	3.92267	4720354.	0.01465	39.71558
1416	1	1864	3.92500	4720354.	0.01465	39.71558
1415	1	1865	3.92733	4720354.	0.01465	39.71558
1414	1	1866	3.92966	4720354.	0.01465	39.71558
1413	1	1867	3.93199	4720354.	0.01465	39.71558
1412	1	1868	3.93432	4720354.	0.01465	39.71558
1411	1	1869	3.93665	4720354.	0.01465	39.71558
1410	1	1870	3.93898	4720354.	0.01465	39.71558
1409	1	1871	3.94131	4720354.	0.01465	39.71558
1408	1	1872	3.94364	4720354.	0.01465	39.71558
1407	1	1873	3.94597	4720354.	0.01465	39.71558
1406	1	1874	3.94830	4720354.	0.01465	39.71558
1405	1	1875	3.95063	4720354.	0.01465	39.71558
1404	1	1876	3.95296	4720354.	0.01465	39.71558
1403	1	1877	3.95529	4720354.	0.01465	39.71558
1402	1	1878	3.95762	4720354.	0.01465	39.71558
1401	1	1879	3.95995	4720354.	0.01465	39.71558
1400	1	1880	3.96228	4720354.	0.01465	39.71558
1399	1	1881	3.96461	4720354.	0.01465	39.71558
1398	1	1882	3.96694	4720354.	0.01465	39.71558
1397	1	1883	3.96927	4720354.	0.01465	39.71558
1396	1	1884	3.97160	4720354.	0.01465	39.71558
1395	1	1885	3.97393	4720354.	0.01465	39.71558
1394	1	1886	3.97626	4720354.	0.01465	39.71558
1393	1	1887	3.97859	4720354.	0.01465	39.71558
1392	1	1888	3.98092	4720354.	0.01465	39.71558
1391	1	1889	3.98325	4720354.	0.01465	39.71558
1390	1	1890	3.98558	4720354.	0.01465	39.71558
1389	1	1891	3.98791	4720354.	0.01465	39.71558
1388	1	1892	3.99024	4720354.	0.01465	39.71558
1387	1	1893	3.99257	4720354.	0.01465	39.71558
1386	1	1894	3.99490	4720354.	0.01465	39.71558
1385	1	1895	3.99723	4720354.	0.01465	39.71558
1384	1	1896	3.99956	4720354.	0.01465	39.71558
1383	1	1897	4.00189	4720354.	0.01465	39.71558
1382	1	1898	4.00422	4720354.	0.01465	39.71558
1381	1	1899	4.00655	4720354.	0.01465	39.71558
1380	1	1900	4.00888	4720354.	0.01465	39.71558

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1365	1	1975	4.35110	5161442.	0.01146	43.34953
1365	1	1975	4.35138	5161442.	0.01146	43.36087
1365	1	1975	4.35166	5161442.	0.01146	43.37221
1365	1	1975	4.35194	5161442.	0.01146	43.38355
1365	1	1975	4.35222	5161442.	0.01146	43.39489
1365	1	1975	4.35250	5161442.	0.01146	43.40623
1365	1	1975	4.35278	5161442.	0.01146	43.41757
1365	1	1975	4.35306	5161442.	0.01146	43.42891
1365	1	1975	4.35334	5161442.	0.01146	43.44025
1365	1	1975	4.35362	5161442.	0.01146	43.45159
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1365	1	1975	4.35418	5161442.	0.01146	43.47427
1365	1	1975	4.35446	5161442.	0.01146	43.48561
1365	1	1975	4.35474	5161442.	0.01146	43.49695
1365	1	1975	4.35502	5161442.	0.01146	43.50829
1365	1	1975	4.35530	5161442.	0.01146	43.51963
1365	1	1975	4.35558	5161442.	0.01146	43.53097
1365	1	1975	4.35586	5161442.	0.01146	43.54231
1365	1	1975	4.35614	5161442.	0.01146	43.55365
1365	1	1975	4.35642	5161442.	0.01146	43.56499
1365	1	1975	4.35670	5161442.	0.01146	43.57633
1365	1	1975	4.35698	5161442.	0.01146	43.58767
1365	1	1975	4.35726	5161442.	0.01146	43.59901
1365	1	1975	4.35754	5161442.	0.01146	43.61035
1365	1	1975	4.35782	5161442.	0.01146	43.62169
1365	1	1975	4.35810	5161442.	0.01146	43.63303
1365	1	1975	4.35838	5161442.	0.01146	43.64437
1365	1	1975	4.35866	5161442.	0.01146	43.65571
1365	1	1975	4.35894	5161442.	0.01146	43.66705
1365	1	1975	4.35922	5161442.	0.01146	43.67839
1365	1	1975	4.35950	5161442.	0.01146	43.68973
1365	1	1975	4.35978	5161442.	0.01146	43.70107
1365	1	1975	4.36006	5161442.	0.01146	43.71241
1365	1	1975	4.36034	5161442.	0.01146	43.72375
1365	1	1975	4.36062	5161442.	0.01146	43.73509
1365	1	1975	4.36090	5161442.	0.01146	43.74643
1365	1	1975	4.36118	5161442.	0.01146	43.75777
1365	1	1975	4.36146	5161442.	0.01146	43.76911
1365	1	1975	4.36174	5161442.	0.01146	43.78045
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1365	1	1975	4.36258	5161442.	0.01146	43.81447
1365	1	1975	4.36286	5161442.	0.01146	43.82581
1365	1	1975	4.36314	5161442.	0.01146	43.83715
1365	1	1975	4.36342	5161442.	0.01146	43.84849
1365	1	1975	4.36370	5161442.	0.01146	43.85983
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1365	1	1975	4.36510	5161442.	0.01146	43.91653
1365	1	1975	4.36538	5161442.	0.01146	43.92787
1365	1	1975	4.36566	5161442.	0.01146	43.93921
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1365	1	1975	4.36622	5161442.	0.01146	43.96189
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1365	1	1975	4.36762	5161442.	0.01146	44.01859
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1365	1	1975	4.36818	5161442.	0.01146	44.04127
1365	1	1975	4.36846	5161442.	0.01146	44.05261
1365	1	1975	4.36874	5161442.	0.01146	44.06395
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1365	1	1975	4.37042	5161442.	0.01146	44.13199
1365	1	1975	4.37070	5161442.	0.01146	44.14333
1365	1	1975	4.37098	5161442.	0.01146	44.15467
1365	1	1975	4.37126	5161442.	0.01146	44.16601
1365	1	1975	4.37154	5161442.	0.01146	44.17735
1365	1	1975	4.37182	5161442.	0.01146	44.18869
1365	1	1975	4.37210	5161442.	0.01146	44.19999
1365	1	1975	4.37238	5161442.	0.01146	44.21133
1365	1	1975	4.37266	5161442.	0.01146	44.22267
1365	1	1975	4.37294	5161442.	0.01146	44.23401
1365	1	1975	4.37322	5161442.	0.01146	44.24535
1365	1	1975	4.37350	5161442.	0.01146	44.25669
1365	1	1975	4.37378	5161442.	0.01146	44.26803
1365	1	1975	4.37406	5161442.	0.01146	44.27937
1365	1	1975	4.37434	5161442.	0.01146	44.29071
1365	1	1975	4.37462	5161442.	0.01146	44.30205
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1365	1	1975	4.37546	5161442.	0.01146	44.33607
1365	1	1975	4.37574	5161442.	0.01146	44.34741
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1365	1	1975	4.37630	5161442.	0.01146	44.37009
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1365	1	1975	4.37910	5161442.	0.01146	44.48349
1365	1	1975	4.37938	5161442.	0.01146	44.49483
1365	1	1975	4.37966	5161442.	0.01146	44.50617
1365	1	1975	4.37994	5161442.	0.01146	44.51751
1365	1	1975	4.38022	5161442.	0.01146	44.52885
1365	1	1975	4.38050	5161442.	0.01146	44.54019
1365	1	1975	4.38078	5161442.	0.01146	44.55153
1365	1	1975	4.38106	5161442.	0.01146	44.56287
1365	1	1975	4.38134	5161442.	0.01146	44.57421
1365	1	1975	4.38162	5161442.	0.01146	44.58555
1365	1	1975	4.38190	5161442.	0.01146	44.59689
1365	1	1975	4.38218	5161442.	0.01146	44.60823
1365	1	1975	4.38246	5161442.	0.01146	44.61957
1365	1	1975	4.38274	5161442.	0.01146	44.63091
1365	1	1975	4.38302	5161442.	0.01146	44.64225
1365	1	1975	4.38330	5161442.	0.01146	44.65359
1365	1	1975	4.38358	5161442.	0.01146	44.66493
1365	1	1975	4.38386	5161442.	0.01146	44.67627
1365	1	1975	4.38414	5161442.	0.01146	44.68761
1365	1	1975	4.38442	5161442.	0.01146	44.69895
1365	1	1975	4.38470	5161442.	0.01146	44.71029
1365	1	1975	4.38498	5161442.	0.01146	44.72163
1365	1	1975	4.38526	5161442.	0.01146	44.73297
1365	1	1975	4.38554	5161442.	0.01146	44.74431
1365	1	1975	4.38582	5161442.	0.01146	44.75565
1365	1	1975	4.38610	5161442.	0.01146	44.76699
1365	1	1975	4.38638	5161442.	0.01146	44.77833
1365	1	1975	4.38666	5161442.	0.01146	44.78967
1365	1	1975	4.38694	5161442.	0.01146	44.80101
1365	1	1975	4.38722	5161442.	0.01146	44.81235
1365	1	1975	4.38750	5161442.	0.01146	44.82369
1365	1	1975	4.38778	5161442.	0.01146	44.83503
1365	1	1975	4.38806	5161442.	0.01146	44.84637
1365	1	1975	4.38834	5161442.	0.01146	44.85771
1365	1	1975	4.38862	5161442.	0.01146	44.86905
1365	1	1975	4.38890	5161442.	0.01146	44.88039
1365	1	1975	4.38918	5161442.	0.01146	44.89173
1365	1	1975	4.38946	5161442.	0.01146	44.90307
1365	1	1975	4.38974	5161442.	0.01146	44.91441
1365	1	1975	4.39002	5161442.	0.01146	44.92575
1365	1	1975	4.39030	5161442.	0.01146	44.93709
1365	1	1975	4.39058	5161442.	0.01146	44.94843
1365	1	1975	4.39086	5161442.	0.01146	44.95977
1365	1	1975	4.39114	5161442.	0.01146	44.97111
1365	1	1975	4.39142	5161442.	0.01146	44.98245
1365	1	1975	4.39170	5161442.	0.01146	44.99379
1365	1	1975	4.39198	5161442.	0.01146	45.00513
1365	1	1975	4.39226	5161442.	0.01146	45.01647
1365	1	1975	4.39254	5161442.	0.01146	45.02781
1365	1	1975	4.39282	5161442.	0.01146	45.03915
1365	1	1975	4.39310	5161442.	0.01146	45.05049
1365	1	1975	4.39338	5161442.	0.01146	45.06183
1365	1	1975	4.39366	5161442.	0.01146	45.07317
1365	1	1975	4.39394	5161442.	0.01146	45.08451
1365	1	1975	4.39422	5161442.	0.01146	45.09585
1365	1	1975	4.39450	5161442.	0.01146	45.10719
1365	1	1975	4.39478	5161442.	0.01146	45.11853

1063	1	1135	4.84678	54.42214	0.00962	45.70691
1064	1	1137	4.84837	54.45274	0.00840	45.71581
1065	1	1138	4.85006	54.48334	0.00718	45.72469
1066	1	1139	4.85175	54.51394	0.00596	45.73357
1067	1	1140	4.85344	54.54454	0.00474	45.74245
1068	1	1141	4.85513	54.57514	0.00352	45.75133
1069	1	1142	4.85682	54.60574	0.00230	45.76021
1070	1	1143	4.85851	54.63634	0.00108	45.76909
1071	1	1144	4.86020	54.66694	0.00086	45.77797
1072	1	1145	4.86189	54.69754	0.00064	45.78685
1073	1	1146	4.86358	54.72814	0.00042	45.79573
1074	1	1147	4.86527	54.75874	0.00020	45.80461
1075	1	1148	4.86696	54.78934	0.00018	45.81349
1076	1	1149	4.86865	54.81994	0.00016	45.82237
1077	1	1150	4.87034	54.85054	0.00014	45.83125
1078	1	1151	4.87203	54.88114	0.00012	45.84013
1079	1	1152	4.87372	54.91174	0.00010	45.84901
1080	1	1153	4.87541	54.94234	0.00008	45.85789
1081	1	1154	4.87710	54.97294	0.00006	45.86677
1082	1	1155	4.87879	55.00354	0.00004	45.87565
1083	1	1156	4.88048	55.03414	0.00002	45.88453
1084	1	1157	4.88217	55.06474	0.00000	45.89341
1085	1	1158	4.88386	55.09534	0.00000	45.90229
1086	1	1159	4.88555	55.12594	0.00000	45.91117
1087	1	1160	4.88724	55.15654	0.00000	45.92005
1088	1	1161	4.88893	55.18714	0.00000	45.92893
1089	1	1162	4.89062	55.21774	0.00000	45.93781
1090	1	1163	4.89231	55.24834	0.00000	45.94669
1091	1	1164	4.89400	55.27894	0.00000	45.95557
1092	1	1165	4.89569	55.30954	0.00000	45.96445
1093	1	1166	4.89738	55.34014	0.00000	45.97333
1094	1	1167	4.89907	55.37074	0.00000	45.98221
1095	1	1168	4.90076	55.40134	0.00000	45.99109
1096	1	1169	4.90245	55.43194	0.00000	46.00000
1097	1	1170	4.90414	55.46254	0.00000	46.00891
1098	1	1171	4.90583	55.49314	0.00000	46.01783
1099	1	1172	4.90752	55.52374	0.00000	46.02675
1100	1	1173	4.90921	55.55434	0.00000	46.03567
1101	1	1174	4.91090	55.58494	0.00000	46.04459
1102	1	1175	4.91259	55.61554	0.00000	46.05351
1103	1	1176	4.91428	55.64614	0.00000	46.06243
1104	1	1177	4.91597	55.67674	0.00000	46.07135
1105	1	1178	4.91766	55.70734	0.00000	46.08027
1106	1	1179	4.91935	55.73794	0.00000	46.08919
1107	1	1180	4.92104	55.76854	0.00000	46.09811
1108	1	1181	4.92273	55.79914	0.00000	46.10703
1109	1	1182	4.92442	55.82974	0.00000	46.11595
1110	1	1183	4.92611	55.86034	0.00000	46.12487
1111	1	1184	4.92780	55.89094	0.00000	46.13379
1112	1	1185	4.92949	55.92154	0.00000	46.14271
1113	1	1186	4.93118	55.95214	0.00000	46.15163
1114	1	1187	4.93287	55.98274	0.00000	46.16055
1115	1	1188	4.93456	56.01334	0.00000	46.16947
1116	1	1189	4.93625	56.04394	0.00000	46.17839
1117	1	1190	4.93794	56.07454	0.00000	46.18731
1118	1	1191	4.93963	56.10514	0.00000	46.19623
1119	1	1192	4.94132	56.13574	0.00000	46.20515
1120	1	1193	4.94301	56.16634	0.00000	46.21407
1121	1	1194	4.94470	56.19694	0.00000	46.22299
1122	1	1195	4.94639	56.22754	0.00000	46.23191
1123	1	1196	4.94808	56.25814	0.00000	46.24083
1124	1	1197	4.94977	56.28874	0.00000	46.24975
1125	1	1198	4.95146	56.31934	0.00000	46.25867
1126	1	1199	4.95315	56.34994	0.00000	46.26759
1127	1	1200	4.95484	56.38054	0.00000	46.27651
1128	1	1201	4.95653	56.41114	0.00000	46.28543
1129	1	1202	4.95822	56.44174	0.00000	46.29435
1130	1	1203	4.95991	56.47234	0.00000	46.30327
1131	1	1204	4.96160	56.50294	0.00000	46.31219
1132	1	1205	4.96329	56.53354	0.00000	46.32111
1133	1	1206	4.96498	56.56414	0.00000	46.33003
1134	1	1207	4.96667	56.59474	0.00000	46.33895
1135	1	1208	4.96836	56.62534	0.00000	46.34787
1136	1	1209	4.97005	56.65594	0.00000	46.35679
1137	1	1210	4.97174	56.68654	0.00000	46.36571
1138	1	1211	4.97343	56.71714	0.00000	46.37463
1139	1	1212	4.97512	56.74774	0.00000	46.38355
1140	1	1213	4.97681	56.77834	0.00000	46.39247
1141	1	1214	4.97850	56.80894	0.00000	46.40139
1142	1	1215	4.98019	56.83954	0.00000	46.41031
1143	1	1216	4.98188	56.87014	0.00000	46.41923
1144	1	1217	4.98357	56.90074	0.00000	46.42815
1145	1	1218	4.98526	56.93134	0.00000	46.43707
1146	1	1219	4.98695	56.96194	0.00000	46.44599
1147	1	1220	4.98864	56.99254	0.00000	46.45491
1148	1	1221	4.99033	57.02314	0.00000	46.46383
1149	1	1222	4.99202	57.05374	0.00000	46.47275
1150	1	1223	4.99371	57.08434	0.00000	46.48167
1151	1	1224	4.99540	57.11494	0.00000	46.49059
1152	1	1225	4.99709	57.14554	0.00000	46.49951
1153	1	1226	4.99878	57.17614	0.00000	46.50843
1154	1	1227	4.99947	57.20674	0.00000	46.51735
1155	1	1228	5.00116	57.23734	0.00000	46.52627
1156	1	1229	5.00285	57.26794	0.00000	46.53519
1157	1	1230	5.00454	57.29854	0.00000	46.54411
1158	1	1231	5.00623	57.32914	0.00000	46.55303
1159	1	1232	5.00792	57.35974	0.00000	46.56195
1160	1	1233	5.00961	57.39034	0.00000	46.57087
1161	1	1234	5.01130	57.42094	0.00000	46.57979
1162	1	1235	5.01299	57.45154	0.00000	46.58871
1163	1	1236	5.01468	57.48214	0.00000	46.59763
1164	1	1237	5.01637	57.51274	0.00000	46.60655
1165	1	1238	5.01806	57.54334	0.00000	46.61547
1166	1	1239	5.01975	57.57394	0.00000	46.62439
1167	1	1240	5.02144	57.60454	0.00000	46.63331
1168	1	1241	5.02313	57.63514	0.00000	46.64223
1169	1	1242	5.02482	57.66574	0.00000	46.65115
1170	1	1243	5.02651	57.69634	0.00000	46.66007
1171	1	1244	5.02820	57.72694	0.00000	46.66899
1172	1	1245	5.02989	57.75754	0.00000	46.67791
1173	1	1246	5.03158	57.78814	0.00000	46.68683
1174	1	1247	5.03327	57.81874	0.00000	46.69575
1175	1	1248	5.03496	57.84934	0.00000	46.70467
1176	1	1249	5.03665	57.87994	0.00000	46.71359
1177	1	1250	5.03834	57.91054	0.00000	46.72251
1178	1	1251	5.04003	57.94114	0.00000	46.73143
1179	1	1252	5.04172	57.97174	0.00000	46.74035
1180	1	1253	5.04341	58.00234	0.00000	46.74927
1181	1	1254	5.04510	58.03294	0.00000	46.75819
1182	1	1255	5.04679	58.06354	0.00000	46.76711
1183	1	1256	5.04848	58.09414	0.00000	46.77603
1184	1	1257	5.05017	58.12474	0.00000	46.78495
1185	1	1258	5.05186	58.15534	0.00000	46.79387
1186	1	1259	5.05355	58.18594	0.00000	46.80279
1187	1	1260	5.05524	58.21654	0.00000	46.81171
1188	1	1261	5.05693	58.24714	0.00000	46.82063
1189	1	1262	5.05862	58.27774	0.00000	46.82955
1190	1	1263	5.06031	58.30834	0.00000	46.83847
1191	1	1264	5.06200	58.33894	0.00000	46.84739
1192	1	1265	5.06369	58.36954	0.00000	46.85631
1193	1	1266	5.06538	58.40014	0.00000	46.86523
1194	1	1267	5.06707	58.43074	0.00000	46.87415
1195	1	1268	5.06876	58.46134	0.00000	46.88307
1196	1	1269	5.07045	58.49194	0.00000	46.89199
1197	1	1270	5.07214	58.52254	0.00000	46.90091
1198	1	1271	5.07383	58.55314	0.00000	46.90983
1199	1	1272	5.07552	58.58374	0.00000	46.91875
1200	1	1273	5.07721	58.61434	0.00000	46.92767

497	355	5.55137	6.14753	57.22148
394	352	5.55655	6.17543	57.23650
493	353	5.55894	6.14436	57.24399
392	354	5.56112	6.11333	57.25148
491	355	5.56349	6.08230	57.25897
390	356	5.56587	6.05127	57.26646
489	357	5.56825	6.02024	57.27395
388	358	5.57063	5.98921	57.28144
487	359	5.57301	5.95818	57.28893
386	360	5.57539	5.92715	57.29642
485	361	5.57777	5.89612	57.30391
384	362	5.58015	5.86509	57.31140
483	363	5.58253	5.83406	57.31889
382	364	5.58491	5.80303	57.32638
481	365	5.58729	5.77200	57.33387
380	366	5.58967	5.74097	57.34136
479	367	5.59205	5.70994	57.34885
378	368	5.59443	5.67891	57.35634
477	369	5.59681	5.64788	57.36383
376	370	5.59919	5.61685	57.37132
475	371	5.60157	5.58582	57.37881
374	372	5.60395	5.55479	57.38630
473	373	5.60633	5.52376	57.39379
372	374	5.60871	5.49273	57.40128
471	375	5.61109	5.46170	57.40877
370	376	5.61347	5.43067	57.41626
469	377	5.61585	5.39964	57.42375
368	378	5.61823	5.36861	57.43124
467	379	5.62061	5.33758	57.43873
366	380	5.62299	5.30655	57.44622
465	381	5.62537	5.27552	57.45371
364	382	5.62775	5.24449	57.46120
463	383	5.63013	5.21346	57.46869
362	384	5.63251	5.18243	57.47618
461	385	5.63489	5.15140	57.48367
360	386	5.63727	5.12037	57.49116
459	387	5.63965	5.08934	57.49865
358	388	5.64203	5.05831	57.50614
457	389	5.64441	5.02728	57.51363
356	390	5.64679	4.99625	57.52112
455	391	5.64917	4.96522	57.52861
354	392	5.65155	4.93419	57.53610
453	393	5.65393	4.90316	57.54359
352	394	5.65631	4.87213	57.55108
451	395	5.65869	4.84110	57.55857
350	396	5.66107	4.81007	57.56606
449	397	5.66345	4.77904	57.57355
348	398	5.66583	4.74801	57.58104
447	399	5.66821	4.71698	57.58853
346	400	5.67059	4.68595	57.59602
445	401	5.67297	4.65492	57.60351
344	402	5.67535	4.62389	57.61100
443	403	5.67773	4.59286	57.61849
342	404	5.68011	4.56183	57.62598
441	405	5.68249	4.53080	57.63347
340	406	5.68487	4.49977	57.64096
439	407	5.68725	4.46874	57.64845
338	408	5.68963	4.43771	57.65594
437	409	5.69201	4.40668	57.66343
336	410	5.69439	4.37565	57.67092
435	411	5.69677	4.34462	57.67841
334	412	5.69915	4.31359	57.68590
433	413	5.70153	4.28256	57.69339
332	414	5.70391	4.25153	57.70088
431	415	5.70629	4.22050	57.70837
330	416	5.70867	4.18947	57.71586
429	417	5.71105	4.15844	57.72335
328	418	5.71343	4.12741	57.73084
427	419	5.71581	4.09638	57.73833
326	420	5.71819	4.06535	57.74582
425	421	5.72057	4.03432	57.75331
324	422	5.72295	4.00329	57.76080
423	423	5.72533	3.97226	57.76829
322	424	5.72771	3.94123	57.77578
421	425	5.73009	3.91020	57.78327
320	426	5.73247	3.87917	57.79076
419	427	5.73485	3.84814	57.79825
318	428	5.73723	3.81711	57.80574
417	429	5.73961	3.78608	57.81323
316	430	5.74199	3.75505	57.82072
415	431	5.74437	3.72402	57.82821
314	432	5.74675	3.69299	57.83570
413	433	5.74913	3.66196	57.84319
312	434	5.75151	3.63093	57.85068
411	435	5.75389	3.59990	57.85817
310	436	5.75627	3.56887	57.86566
409	437	5.75865	3.53784	57.87315
308	438	5.76103	3.50681	57.88064
407	439	5.76341	3.47578	57.88813
306	440	5.76579	3.44475	57.89562
405	441	5.76817	3.41372	57.90311
304	442	5.77055	3.38269	57.91060
403	443	5.77293	3.35166	57.91809
302	444	5.77531	3.32063	57.92558
401	445	5.77769	3.28960	57.93307
300	446	5.78007	3.25857	57.94056
399	447	5.78245	3.22754	57.94805
398	448	5.78483	3.19651	57.95554
397	449	5.78721	3.16548	57.96303
396	450	5.78959	3.13445	57.97052
395	451	5.79197	3.10342	57.97801
394	452	5.79435	3.07239	57.98550
393	453	5.79673	3.04136	57.99299
392	454	5.79911	3.01033	58.00048
391	455	5.80149	2.97930	58.00797
390	456	5.80387	2.94827	58.01546
389	457	5.80625	2.91724	58.02295
388	458	5.80863	2.88621	58.03044
387	459	5.81101	2.85518	58.03793
386	460	5.81339	2.82415	58.04542
385	461	5.81577	2.79312	58.05291
384	462	5.81815	2.76209	58.06040
383	463	5.82053	2.73106	58.06789
382	464	5.82291	2.70003	58.07538
381	465	5.82529	2.66900	58.08287
380	466	5.82767	2.63797	58.09036
379	467	5.83005	2.60694	58.09785
378	468	5.83243	2.57591	58.10534
377	469	5.83481	2.54488	58.11283
376	470	5.83719	2.51385	58.12032
375	471	5.83957	2.48282	58.12781
374	472	5.84195	2.45179	58.13530
373	473	5.84433	2.42076	58.14279
372	474	5.84671	2.38973	58.15028
371	475	5.84909	2.35870	58.15777
370	476	5.85147	2.32767	58.16526
369	477	5.85385	2.29664	58.17275
368	478	5.85623	2.26561	58.18024
367	479	5.85861	2.23458	58.18773
366	480	5.86099	2.20355	58.19522
365	481	5.86337	2.17252	58.20271
364	482	5.86575	2.14149	58.21020
363	483	5.86813	2.11046	58.21769
362	484	5.87051	2.07943	58.22518
361	485	5.87289	2.04840	58.23267
360	486	5.87527	2.01737	58.24016
359	487	5.87765	1.98634	58.24765
358	488	5.88003	1.95531	58.25514
357	489	5.88241	1.92428	58.26263
356	490	5.88479	1.89325	58.27012
355	491	5.88717	1.86222	58.27761
354	492	5.88955	1.83119	58.28510
353	493	5.89193	1.80016	58.29259
352	494	5.89431	1.76913	58.30008
351	495	5.89669	1.73810	58.30757
350	496	5.89907	1.70707	58.31506
349	497	5.90145	1.67604	58.32255
348	498	5.90383	1.64501	58.33004
347	499	5.90621	1.61398	58.33753
346	500	5.90859	1.58295	58.34502
345	501	5.91097	1.55192	58.35251
344	502	5.91335	1.52089	58.36000
343	503	5.91573	1.48986	58.36749
342	504	5.91811	1.45883	58.37498
341	505	5.92049	1.42780	58.38247
340	506	5.92287	1.39677	58.38996
339	507	5.92525	1.36574	58.39745
338	508	5.92763	1.33471	58.40494
337	509	5.93001	1.30368	58.41243
336	510	5.93239	1.27265	58.41992
335	511	5.93477	1.24162	58.42741
334	512	5.93715	1.21059	58.43490
333	513	5.93953	1.17956	58.44239
332	514	5.94191	1.14853	58.44988
331	515	5.94429	1.11750	58.45737
330	516	5.94667	1.08647	58.46486
329	517	5.94905	1.05544	58.47235
328	518	5.95143	1.02441	58.47984
327	519	5.95381	0.99338	58.48733
326	520	5.95619	0.96235	58.49482
325	521	5.95857	0.93132	58.50231
324	522	5.96095	0.90029	58.50980
323	523	5.96333	0.86926	58.51729
322	524	5.96571	0.83823	58.52478
321	525	5.96809	0.80720	58.53227
320	526	5.97047	0.77617	58.53976
319	527	5.97285	0.74514	58.54725
318	528	5.97523	0.71411	58.55474
317	529	5.97761	0.68308	58.56223
316	530	5.98000	0.65205	58.56972
315	531	5.98238	0.62102	58.57721
314	532	5.98476	0.59000	58.58470
313	533	5.98714	0.55897	58.59219
312	534	5.98952	0.52794	58.59968
311	535	5.99190	0.49691	58.60717
310	536	5.99428	0.46588	58.61466
309	537	5.99666	0.43485	58.62215
308	538	5.99904	0.40382	58.62964
307	539	6.00142	0.37279	58.63713
306	540	6.00380	0.34176	58.64462
305	541	6.00618	0.31073	58.65211
304	542	6.00856	0.27970	58.65960
303	543	6.01094	0.24867	58.66709
302	544	6.01332	0.21764	58.67458
301	545	6.01570	0.18661	58.68207
300	546	6.01808	0.15558	58.68956
299	547	6.02046	0.12455	58.69705
298	548	6.02284	0.09352	58.70454
297	549	6.02522	0.06249	58.71203
296	550	6.02760	0.03146	58.71952
295	551	6.03000	0.00043	58.72701
294	552	6.03238	-0.03060	58.73450
293	553	6.03476	-0.06163	58.74199
292	554	6.03714	-0.09266	58.74948
291	555	6.03952	-0.12369	58.75697
290	556	6.04190	-0.15472	58.76446
289	557	6.04428	-0.18575	58.77195
288	558	6.04666	-0.21678	58.77944
287	559	6.04904	-0.24781	58.78693
286	560	6.		

515	4	4375	5.77574	7761155.	0.02065	61.46826
614	1	4275	9.77903	7761160.	0.00515	61.47340
611	2	4277	9.73350	7761152.	0.01129	61.48373
610	3	4245	9.70010	7761155.	0.01129	61.48903
609	5	4239	9.62410	7761175.	0.01129	61.49473
608	3	4234	9.54810	7761174.	0.01129	61.50043
607	3	4234	9.47210	7761173.	0.01129	61.50613
606	2	4232	9.39610	7761172.	0.01129	61.51183
605	2	4232	9.32010	7761171.	0.01129	61.51753
604	2	4232	9.24410	7761170.	0.01129	61.52323
603	2	4232	9.16810	7761169.	0.01129	61.52893
602	2	4232	9.09210	7761168.	0.01129	61.53463
601	2	4232	9.01610	7761167.	0.01129	61.54033
600	2	4232	8.94010	7761166.	0.01129	61.54603
599	2	4232	8.86410	7761165.	0.01129	61.55173
598	2	4232	8.78810	7761164.	0.01129	61.55743
597	2	4232	8.71210	7761163.	0.01129	61.56313
596	2	4232	8.63610	7761162.	0.01129	61.56883
595	2	4232	8.56010	7761161.	0.01129	61.57453
594	2	4232	8.48410	7761160.	0.01129	61.58023
593	2	4232	8.40810	7761159.	0.01129	61.58593
592	2	4232	8.33210	7761158.	0.01129	61.59163
591	2	4232	8.25610	7761157.	0.01129	61.59733
590	2	4232	8.18010	7761156.	0.01129	61.60303
589	2	4232	8.10410	7761155.	0.01129	61.60873
588	2	4232	8.02810	7761154.	0.01129	61.61443
587	2	4232	7.95210	7761153.	0.01129	61.62013
586	2	4232	7.87610	7761152.	0.01129	61.62583
585	2	4232	7.80010	7761151.	0.01129	61.63153
584	2	4232	7.72410	7761150.	0.01129	61.63723
583	2	4232	7.64810	7761149.	0.01129	61.64293
582	2	4232	7.57210	7761148.	0.01129	61.64863
581	2	4232	7.49610	7761147.	0.01129	61.65433
580	2	4232	7.42010	7761146.	0.01129	61.66003
579	2	4232	7.34410	7761145.	0.01129	61.66573
578	2	4232	7.26810	7761144.	0.01129	61.67143
577	2	4232	7.19210	7761143.	0.01129	61.67713
576	2	4232	7.11610	7761142.	0.01129	61.68283
575	2	4232	7.04010	7761141.	0.01129	61.68853
574	2	4232	6.96410	7761140.	0.01129	61.69423
573	2	4232	6.88810	7761139.	0.01129	61.69993
572	2	4232	6.81210	7761138.	0.01129	61.70563
571	2	4232	6.73610	7761137.	0.01129	61.71133
570	2	4232	6.66010	7761136.	0.01129	61.71703
569	2	4232	6.58410	7761135.	0.01129	61.72273
568	2	4232	6.50810	7761134.	0.01129	61.72843
567	2	4232	6.43210	7761133.	0.01129	61.73413
566	2	4232	6.35610	7761132.	0.01129	61.73983
565	2	4232	6.28010	7761131.	0.01129	61.74553
564	2	4232	6.20410	7761130.	0.01129	61.75123
563	2	4232	6.12810	7761129.	0.01129	61.75693
562	2	4232	6.05210	7761128.	0.01129	61.76263
561	2	4232	5.97610	7761127.	0.01129	61.76833
560	2	4232	5.90010	7761126.	0.01129	61.77403
559	2	4232	5.82410	7761125.	0.01129	61.77973
558	2	4232	5.74810	7761124.	0.01129	61.78543
557	2	4232	5.67210	7761123.	0.01129	61.79113
556	2	4232	5.59610	7761122.	0.01129	61.79683
555	2	4232	5.52010	7761121.	0.01129	61.80253
554	2	4232	5.44410	7761120.	0.01129	61.80823
553	2	4232	5.36810	7761119.	0.01129	61.81393
552	2	4232	5.29210	7761118.	0.01129	61.81963
551	2	4232	5.21610	7761117.	0.01129	61.82533
550	2	4232	5.14010	7761116.	0.01129	61.83103
549	2	4232	5.06410	7761115.	0.01129	61.83673
548	2	4232	4.98810	7761114.	0.01129	61.84243
547	2	4232	4.91210	7761113.	0.01129	61.84813
546	2	4232	4.83610	7761112.	0.01129	61.85383
545	2	4232	4.76010	7761111.	0.01129	61.85953
544	2	4232	4.68410	7761110.	0.01129	61.86523
543	2	4232	4.60810	7761109.	0.01129	61.87093
542	2	4232	4.53210	7761108.	0.01129	61.87663
541	2	4232	4.45610	7761107.	0.01129	61.88233
540	2	4232	4.38010	7761106.	0.01129	61.88803
539	2	4232	4.30410	7761105.	0.01129	61.89373
538	2	4232	4.22810	7761104.	0.01129	61.89943
537	2	4232	4.15210	7761103.	0.01129	61.90513
536	2	4232	4.07610	7761102.	0.01129	61.91083
535	2	4232	4.00010	7761101.	0.01129	61.91653
534	2	4232	3.92410	7761100.	0.01129	61.92223
533	2	4232	3.84810	7761099.	0.01129	61.92793
532	2	4232	3.77210	7761098.	0.01129	61.93363
531	2	4232	3.69610	7761097.	0.01129	61.93933
530	2	4232	3.62010	7761096.	0.01129	61.94503
529	2	4232	3.54410	7761095.	0.01129	61.95073
528	2	4232	3.46810	7761094.	0.01129	61.95643
527	2	4232	3.39210	7761093.	0.01129	61.96213
526	2	4232	3.31610	7761092.	0.01129	61.96783
525	2	4232	3.24010	7761091.	0.01129	61.97353
524	2	4232	3.16410	7761090.	0.01129	61.97923
523	2	4232	3.08810	7761089.	0.01129	61.98493
522	2	4232	3.01210	7761088.	0.01129	61.99063
521	2	4232	2.93610	7761087.	0.01129	61.99633
520	2	4232	2.86010	7761086.	0.01129	62.00203
519	2	4232	2.78410	7761085.	0.01129	62.00773
518	2	4232	2.70810	7761084.	0.01129	62.01343
517	2	4232	2.63210	7761083.	0.01129	62.01913
516	2	4232	2.55610	7761082.	0.01129	62.02483
515	2	4232	2.48010	7761081.	0.01129	62.03053
514	2	4232	2.40410	7761080.	0.01129	62.03623
513	2	4232	2.32810	7761079.	0.01129	62.04193
512	2	4232	2.25210	7761078.	0.01129	62.04763
511	2	4232	2.17610	7761077.	0.01129	62.05333
510	2	4232	2.10010	7761076.	0.01129	62.05903
509	2	4232	2.02410	7761075.	0.01129	62.06473
508	2	4232	1.94810	7761074.	0.01129	62.07043
507	2	4232	1.87210	7761073.	0.01129	62.07613
506	2	4232	1.79610	7761072.	0.01129	62.08183

413	5	7736	77.0603	91.11547	2.17243	76.06476
412	5	7734	77.76296	91.11546	0.01034	76.07514
411	5	7745	77.71643	91.11542	0.28070	76.55585
410	5	7754	77.71676	91.11540	0.28070	76.72662
409	5	7755	77.71676	91.11540	0.28070	76.73369
408	5	7756	77.71676	91.11540	0.28070	76.76453
407	5	7757	77.71676	91.11540	0.28070	76.78163
406	5	7758	77.71676	91.11540	0.28070	76.78842
405	5	7759	77.71676	91.11540	0.28070	76.80202
404	5	7760	77.71676	91.11540	0.28070	76.81313
403	5	7761	77.71676	91.11540	0.28070	76.82233
402	5	7762	77.71676	91.11540	0.28070	76.83113
401	5	7763	77.71676	91.11540	0.28070	76.83993
400	5	7764	77.71676	91.11540	0.28070	76.84873
399	5	7765	77.71676	91.11540	0.28070	76.85753
398	5	7766	77.71676	91.11540	0.28070	76.86633
397	5	7767	77.71676	91.11540	0.28070	76.87513
396	5	7768	77.71676	91.11540	0.28070	76.88393
395	5	7769	77.71676	91.11540	0.28070	76.89273
394	5	7770	77.71676	91.11540	0.28070	76.90153
393	5	7771	77.71676	91.11540	0.28070	76.91033
392	5	7772	77.71676	91.11540	0.28070	76.91913
391	5	7773	77.71676	91.11540	0.28070	76.92793
390	5	7774	77.71676	91.11540	0.28070	76.93673
389	5	7775	77.71676	91.11540	0.28070	76.94553
388	5	7776	77.71676	91.11540	0.28070	76.95433
387	5	7777	77.71676	91.11540	0.28070	76.96313
386	5	7778	77.71676	91.11540	0.28070	76.97193
385	5	7779	77.71676	91.11540	0.28070	76.98073
384	5	7780	77.71676	91.11540	0.28070	76.98953
383	5	7781	77.71676	91.11540	0.28070	76.99833
382	5	7782	77.71676	91.11540	0.28070	77.00713
381	5	7783	77.71676	91.11540	0.28070	77.01593
380	5	7784	77.71676	91.11540	0.28070	77.02473
379	5	7785	77.71676	91.11540	0.28070	77.03353
378	5	7786	77.71676	91.11540	0.28070	77.04233
377	5	7787	77.71676	91.11540	0.28070	77.05113
376	5	7788	77.71676	91.11540	0.28070	77.05993
375	5	7789	77.71676	91.11540	0.28070	77.06873
374	5	7790	77.71676	91.11540	0.28070	77.07753
373	5	7791	77.71676	91.11540	0.28070	77.08633
372	5	7792	77.71676	91.11540	0.28070	77.09513
371	5	7793	77.71676	91.11540	0.28070	77.10393
370	5	7794	77.71676	91.11540	0.28070	77.11273
369	5	7795	77.71676	91.11540	0.28070	77.12153
368	5	7796	77.71676	91.11540	0.28070	77.13033
367	5	7797	77.71676	91.11540	0.28070	77.13913
366	5	7798	77.71676	91.11540	0.28070	77.14793
365	5	7799	77.71676	91.11540	0.28070	77.15673
364	5	7800	77.71676	91.11540	0.28070	77.16553
363	5	7801	77.71676	91.11540	0.28070	77.17433
362	5	7802	77.71676	91.11540	0.28070	77.18313
361	5	7803	77.71676	91.11540	0.28070	77.19193
360	5	7804	77.71676	91.11540	0.28070	77.20073
359	5	7805	77.71676	91.11540	0.28070	77.20953
358	5	7806	77.71676	91.11540	0.28070	77.21833
357	5	7807	77.71676	91.11540	0.28070	77.22713
356	5	7808	77.71676	91.11540	0.28070	77.23593
355	5	7809	77.71676	91.11540	0.28070	77.24473
354	5	7810	77.71676	91.11540	0.28070	77.25353
353	5	7811	77.71676	91.11540	0.28070	77.26233
352	5	7812	77.71676	91.11540	0.28070	77.27113
351	5	7813	77.71676	91.11540	0.28070	77.27993
350	5	7814	77.71676	91.11540	0.28070	77.28873
349	5	7815	77.71676	91.11540	0.28070	77.29753
348	5	7816	77.71676	91.11540	0.28070	77.30633
347	5	7817	77.71676	91.11540	0.28070	77.31513
346	5	7818	77.71676	91.11540	0.28070	77.32393
345	5	7819	77.71676	91.11540	0.28070	77.33273
344	5	7820	77.71676	91.11540	0.28070	77.34153
343	5	7821	77.71676	91.11540	0.28070	77.35033
342	5	7822	77.71676	91.11540	0.28070	77.35913
341	5	7823	77.71676	91.11540	0.28070	77.36793
340	5	7824	77.71676	91.11540	0.28070	77.37673
339	5	7825	77.71676	91.11540	0.28070	77.38553
338	5	7826	77.71676	91.11540	0.28070	77.39433
337	5	7827	77.71676	91.11540	0.28070	77.40313
336	5	7828	77.71676	91.11540	0.28070	77.41193
335	5	7829	77.71676	91.11540	0.28070	77.42073
334	5	7830	77.71676	91.11540	0.28070	77.42953
333	5	7831	77.71676	91.11540	0.28070	77.43833
332	5	7832	77.71676	91.11540	0.28070	77.44713
331	5	7833	77.71676	91.11540	0.28070	77.45593
330	5	7834	77.71676	91.11540	0.28070	77.46473
329	5	7835	77.71676	91.11540	0.28070	77.47353
328	5	7836	77.71676	91.11540	0.28070	77.48233
327	5	7837	77.71676	91.11540	0.28070	77.49113

325	14	31.77	20.26140	44.16711	0.01442	40.27443
326		31.78	20.26377	44.17211	0.01441	40.27553
327	7	31.79	20.26609	44.17711	0.01440	40.27663
328	2	31.80	20.26841	44.18211	0.01439	40.27773
329	5	31.81	20.27073	44.18711	0.01438	40.27883
330	13	31.82	20.27305	44.19211	0.01437	40.27993
331	1	31.83	20.27537	44.19711	0.01436	40.28103
332	6	31.84	20.27769	44.20211	0.01435	40.28213
333	10	31.85	20.27999	44.20711	0.01434	40.28323
334	4	31.86	20.28231	44.21211	0.01433	40.28433
335	8	31.87	20.28461	44.21711	0.01432	40.28543
336	12	31.88	20.28693	44.22211	0.01431	40.28653
337	1	31.89	20.28923	44.22711	0.01430	40.28763
338	5	31.90	20.29155	44.23211	0.01429	40.28873
339	9	31.91	20.29385	44.23711	0.01428	40.28983
340	13	31.92	20.29617	44.24211	0.01427	40.29093
341	1	31.93	20.29847	44.24711	0.01426	40.29203
342	6	31.94	20.30079	44.25211	0.01425	40.29313
343	10	31.95	20.30309	44.25711	0.01424	40.29423
344	4	31.96	20.30541	44.26211	0.01423	40.29533
345	8	31.97	20.30771	44.26711	0.01422	40.29643
346	12	31.98	20.31003	44.27211	0.01421	40.29753
347	1	31.99	20.31233	44.27711	0.01420	40.29863
348	5	32.00	20.31465	44.28211	0.01419	40.29973
349	9	32.01	20.31695	44.28711	0.01418	40.30083
350	13	32.02	20.31927	44.29211	0.01417	40.30193
351	1	32.03	20.32157	44.29711	0.01416	40.30303
352	6	32.04	20.32389	44.30211	0.01415	40.30413
353	10	32.05	20.32619	44.30711	0.01414	40.30523
354	4	32.06	20.32851	44.31211	0.01413	40.30633
355	8	32.07	20.33081	44.31711	0.01412	40.30743
356	12	32.08	20.33313	44.32211	0.01411	40.30853
357	1	32.09	20.33543	44.32711	0.01410	40.30963
358	5	32.10	20.33775	44.33211	0.01409	40.31073
359	9	32.11	20.34005	44.33711	0.01408	40.31183
360	13	32.12	20.34237	44.34211	0.01407	40.31293
361	1	32.13	20.34467	44.34711	0.01406	40.31403
362	6	32.14	20.34699	44.35211	0.01405	40.31513
363	10	32.15	20.34929	44.35711	0.01404	40.31623
364	4	32.16	20.35161	44.36211	0.01403	40.31733
365	8	32.17	20.35391	44.36711	0.01402	40.31843
366	12	32.18	20.35623	44.37211	0.01401	40.31953
367	1	32.19	20.35853	44.37711	0.01400	40.32063
368	5	32.20	20.36085	44.38211	0.01399	40.32173
369	9	32.21	20.36315	44.38711	0.01398	40.32283
370	13	32.22	20.36547	44.39211	0.01397	40.32393
371	1	32.23	20.36777	44.39711	0.01396	40.32503
372	6	32.24	20.37009	44.40211	0.01395	40.32613
373	10	32.25	20.37239	44.40711	0.01394	40.32723
374	4	32.26	20.37471	44.41211	0.01393	40.32833
375	8	32.27	20.37701	44.41711	0.01392	40.32943
376	12	32.28	20.37933	44.42211	0.01391	40.33053
377	1	32.29	20.38163	44.42711	0.01390	40.33163
378	5	32.30	20.38395	44.43211	0.01389	40.33273
379	9	32.31	20.38625	44.43711	0.01388	40.33383
380	13	32.32	20.38857	44.44211	0.01387	40.33493
381	1	32.33	20.39087	44.44711	0.01386	40.33603
382	6	32.34	20.39319	44.45211	0.01385	40.33713
383	10	32.35	20.39549	44.45711	0.01384	40.33823
384	4	32.36	20.39781	44.46211	0.01383	40.33933
385	8	32.37	20.40011	44.46711	0.01382	40.34043
386	12	32.38	20.40243	44.47211	0.01381	40.34153
387	1	32.39	20.40473	44.47711	0.01380	40.34263
388	5	32.40	20.40705	44.48211	0.01379	40.34373
389	9	32.41	20.40935	44.48711	0.01378	40.34483
390	13	32.42	20.41167	44.49211	0.01377	40.34593
391	1	32.43	20.41397	44.49711	0.01376	40.34703
392	6	32.44	20.41629	44.50211	0.01375	40.34813
393	10	32.45	20.41859	44.50711	0.01374	40.34923
394	4	32.46	20.42091	44.51211	0.01373	40.35033
395	8	32.47	20.42321	44.51711	0.01372	40.35143
396	12	32.48	20.42553	44.52211	0.01371	40.35253
397	1	32.49	20.42783	44.52711	0.01370	40.35363
398	5	32.50	20.43015	44.53211	0.01369	40.35473
399	9	32.51	20.43245	44.53711	0.01368	40.35583
400	13	32.52	20.43477	44.54211	0.01367	40.35693
401	1	32.53	20.43707	44.54711	0.01366	40.35803
402	6	32.54	20.43939	44.55211	0.01365	40.35913
403	10	32.55	20.44169	44.55711	0.01364	40.36023
404	4	32.56	20.44401	44.56211	0.01363	40.36133
405	8	32.57	20.44631	44.56711	0.01362	40.36243
406	12	32.58	20.44863	44.57211	0.01361	40.36353
407	1	32.59	20.45093	44.57711	0.01360	40.36463
408	5	32.60	20.45325	44.58211	0.01359	40.36573
409	9	32.61	20.45555	44.58711	0.01358	40.36683
410	13	32.62	20.45787	44.59211	0.01357	40.36793
411	1	32.63	20.46017	44.59711	0.01356	40.36903
412	6	32.64	20.46249	44.60211	0.01355	40.37013
413	10	32.65	20.46479	44.60711	0.01354	40.37123
414	4	32.66	20.46711	44.61211	0.01353	40.37233
415	8	32.67	20.46941	44.61711	0.01352	40.37343
416	12	32.68	20.47173	44.62211	0.01351	40.37453
417	1	32.69	20.47403	44.62711	0.01350	40.37563
418	5	32.70	20.47635	44.63211	0.01349	40.37673
419	9	32.71	20.47865	44.63711	0.01348	40.37783
420	13	32.72	20.48097	44.64211	0.01347	40.37893
421	1	32.73	20.48327	44.64711	0.01346	40.38003
422	6	32.74	20.48559	44.65211	0.01345	40.38113
423	10	32.75	20.48789	44.65711	0.01344	40.38223
424	4	32.76	20.49021	44.66211	0.01343	40.38333
425	8	32.77	20.49251	44.66711	0.01342	40.38443
426	12	32.78	20.49483	44.67211	0.01341	40.38553
427	1	32.79	20.49713	44.67711	0.01340	40.38663
428	5	32.80	20.49945	44.68211	0.01339	40.38773
429	9	32.81	20.50175	44.68711	0.01338	40.38883
430	13	32.82	20.50407	44.69211	0.01337	40.38993
431	1	32.83	20.50637	44.69711	0.01336	40.39103
432	6	32.84	20.50869	44.70211	0.01335	40.39213
433	10	32.85	20.51099	44.70711	0.01334	40.39323
434	4	32.86	20.51331	44.71211	0.01333	40.39433
435	8	32.87	20.51561	44.71711	0.01332	40.39543
436	12	32.88	20.51793	44.72211	0.01331	40.39653
437	1	32.89	20.52023	44.72711	0.01330	40.39763
438	5	32.90	20.52255	44.73211	0.01329	40.39873
439	9	32.91	20.52485	44.73711	0.01328	40.39983
440	13	32.92	20.52717	44.74211	0.01327	40.40093
441	1	32.93	20.52947	44.74711	0.01326	40.40203
442	6	32.94	20.53179	44.75211	0.01325	40.40313
443	10	32.95	20.53409	44.75711	0.01324	40.40423
444	4	32.96	20.53641	44.76211	0.01323	40.40533
445	8	32.97	20.53871	44.76711	0.01322	40.40643
446	12	32.98	20.54103	44.77211	0.01321	40.40753
447	1	32.99	20.54333	44.77711	0.01320	40.40863
448	5	33.00	20.54565	44.78211	0.01319	40.40973
449	9	33.01	20.54795	44.78711	0.01318	40.41083
450	13	33.02	20.55027	44.79211	0.01317	40.41193
451	1	33.03	20.55257	44.79711	0.01316	40.41303
452	6	33.04	20.55489	44.80211	0.01315	40.41413
453	10	33.05	20.55719	44.80711	0.01314	40.41523
454	4	33.06	20.55951	44.81211	0.01313	40.41633
455	8	33.07	20.56181	44.81711	0.01312	40.41743
456	12	33.08	20.56413	44.82211	0.01311	40.41853
457	1	33.09	20.56643	44.82711	0.01310	40.41963
458	5	33.10	20.56875	44.83211	0.01309	40.42073
459	9	33.11	20.57105	44.83711	0.01308	40.42183
460	13	33.12	20.57337	44.84211	0.01307	40.42293
461	1	33.13	20.57567	44.84711	0.01306	40.42403
462	6	33.14	20.57799	44.85211	0.01305	40.42513
463	10	33.15	20.58029	44.85711	0.01304	40.42623
464	4	33.16	20.58261	44.86211	0.01303	40.42733
465	8	33.17	20.58491	44.86711	0.01302	40.42843
466	12	33.18	20.58723	44.87211	0.01301	40.42953
467	1	33.19	20.58953	44.87711	0.01300	40.43063
468	5	33.20	20.59185	44.88211	0.01299	40.43173
469	9	33.21	20.59415	44.88711	0.01298	40.43283
470	13	33.22	20.59647	44.89211	0.01297	40.43393
471	1	33.23	20.59877	44.89711	0.01296	40.43503
472	6	33.24	20.60109	44.90211	0.01295	40.43613
473	10	33.25	20.60339	44.90711	0.01294	40.43723
474	4	33.26	20.60571	44.91211	0.01293	40.43833
475	8	33.27	20.60801	44.91711	0.01292	40.43943
476	12	33.28	20.61033	44.92211	0.01291	40.44053

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153	16	14184	14174	10967774	0.00005	92.07800
152	16	14185	14175	10970211	0.00005	92.09842
151	16	14186	14176	10972771	0.00005	92.11110
150	15	14187	14177	10975441	0.00005	92.12615
149	15	14188	14178	10978111	0.00005	92.14042
148	14	14189	14179	10980771	0.00005	92.15492
147	14	14190	14180	10983441	0.00005	92.16927
146	13	14191	14181	10986111	0.00005	92.18342
145	13	14192	14182	10988771	0.00005	92.19742
144	12	14193	14183	10991441	0.00005	92.21127
143	12	14194	14184	10994111	0.00005	92.22492
142	11	14195	14185	10996771	0.00005	92.23842
141	11	14196	14186	11000000	0.00005	92.25177
140	10	14197	14187	11003111	0.00005	92.26492
139	10	14198	14188	11006221	0.00005	92.27792
138	9	14199	14189	11009331	0.00005	92.29077
137	9	14200	14190	11012441	0.00005	92.30342
136	8	14201	14191	11015551	0.00005	92.31592
135	8	14202	14192	11018661	0.00005	92.32827
134	7	14203	14193	11021771	0.00005	92.34042
133	7	14204	14194	11024881	0.00005	92.35242
132	6	14205	14195	11027991	0.00005	92.36427
131	6	14206	14196	11031101	0.00005	92.37592
130	5	14207	14197	11034211	0.00005	92.38742
129	5	14208	14198	11037321	0.00005	92.39877
128	4	14209	14199	11040431	0.00005	92.40992
127	4	14210	14200	11043541	0.00005	92.42092
126	3	14211	14201	11046651	0.00005	92.43177
125	3	14212	14202	11049761	0.00005	92.44242
124	2	14213	14203	11052871	0.00005	92.45292
123	2	14214	14204	11055981	0.00005	92.46327
122	1	14215	14205	11059091	0.00005	92.47342
121	1	14216	14206	11062201	0.00005	92.48342
120	0	14217	14207	11065311	0.00005	92.49327
119	0	14218	14208	11068421	0.00005	92.50292
118	0	14219	14209	11071531	0.00005	92.51242
117	0	14220	14210	11074641	0.00005	92.52177
116	0	14221	14211	11077751	0.00005	92.53092
115	0	14222	14212	11080861	0.00005	92.53992
114	0	14223	14213	11083971	0.00005	92.54877
113	0	14224	14214	11087081	0.00005	92.55742
112	0	14225	14215	11090191	0.00005	92.56592
111	0	14226	14216	11093301	0.00005	92.57427
110	0	14227	14217	11096411	0.00005	92.58242
109	0	14228	14218	11099521	0.00005	92.59042
108	0	14229	14219	11102631	0.00005	92.59827
107	0	14230	14220	11105741	0.00005	92.60592
106	0	14231	14221	11108851	0.00005	92.61342
105	0	14232	14222	11111961	0.00005	92.62077
104	0	14233	14223	11115071	0.00005	92.62792
103	0	14234	14224	11118181	0.00005	92.63492
102	0	14235	14225	11121291	0.00005	92.64177
101	0	14236	14226	11124401	0.00005	92.64842
100	0	14237	14227	11127511	0.00005	92.65492
99	0	14238	14228	11130621	0.00005	92.66127
98	0	14239	14229	11133731	0.00005	92.66742
97	0	14240	14230	11136841	0.00005	92.67342
96	0	14241	14231	11139951	0.00005	92.67927
95	0	14242	14232	11143061	0.00005	92.68492
94	0	14243	14233	11146171	0.00005	92.69042
93	0	14244	14234	11149281	0.00005	92.69577
92	0	14245	14235	11152391	0.00005	92.70092
91	0	14246	14236	11155501	0.00005	92.70592
90	0	14247	14237	11158611	0.00005	92.71077
89	0	14248	14238	11161721	0.00005	92.71542
88	0	14249	14239	11164831	0.00005	92.71992
87	0	14250	14240	11167941	0.00005	92.72427
86	0	14251	14241	11171051	0.00005	92.72842
85	0	14252	14242	11174161	0.00005	92.73242
84	0	14253	14243	11177271	0.00005	92.73627
83	0	14254	14244	11180381	0.00005	92.73992
82	0	14255	14245	11183491	0.00005	92.74342
81	0	14256	14246	11186601	0.00005	92.74677
80	0	14257	14247	11189711	0.00005	92.74992
79	0	14258	14248	11192821	0.00005	92.75292
78	0	14259	14249	11195931	0.00005	92.75577
77	0	14260	14250	11199041	0.00005	92.75842
76	0	14261	14251	11202151	0.00005	92.76092
75	0	14262	14252	11205261	0.00005	92.76327
74	0	14263	14253	11208371	0.00005	92.76542
73	0	14264	14254	11211481	0.00005	92.76742
72	0	14265	14255	11214591	0.00005	92.76927
71	0	14266	14256	11217701	0.00005	92.77092
70	0	14267	14257	11220811	0.00005	92.77242
69	0	14268	14258	11223921	0.00005	92.77377
68	0	14269	14259	11227031	0.00005	92.77492
67	0	14270	14260	11230141	0.00005	92.77592
66	0	14271	14261	11233251	0.00005	92.77677
65	0	14272	14262	11236361	0.00005	92.77742
64	0	14273	14263	11239471	0.00005	92.77792
63	0	14274	14264	11242581	0.00005	92.77827
62	0	14275	14265	11245691	0.00005	92.77842
61	0	14276	14266	11248801	0.00005	92.77842
60	0	14277	14267	11251911	0.00005	92.77827
59	0	14278	14268	11255021	0.00005	92.77792
58	0	14279	14269	11258131	0.00005	92.77742
57	0	14280	14270	11261241	0.00005	92.77677
56	0	14281	14271	11264351	0.00005	92.77592
55	0	14282	14272	11267461	0.00005	92.77492
54	0	14283	14273	11270571	0.00005	92.77377
53	0	14284	14274	11273681	0.00005	92.77242
52	0	14285	14275	11276791	0.00005	92.77092
51	0	14286	14276	11279901	0.00005	92.76927
50	0	14287	14277	11283011	0.00005	92.76742
49	0	14288	14278	11286121	0.00005	92.76542
48	0	14289	14279	11289231	0.00005	92.76327
47	0	14290	14280	11292341	0.00005	92.76092
46	0	14291	14281	11295451	0.00005	92.75842
45	0	14292	14282	11298561	0.00005	92.75577
44	0	14293	14283	11301671	0.00005	92.75292
43	0	14294	14284	11304781	0.00005	92.74992
42	0	14295	14285	11307891	0.00005	92.74677
41	0	14296	14286	11311001	0.00005	92.74342
40	0	14297	14287	11314111	0.00005	92.73992
39	0	14298	14288	11317221	0.00005	92.73627
38	0	14299	14289	11320331	0.00005	92.73242
37	0	14300	14290	11323441	0.00005	92.72842
36	0	14301	14291	11326551	0.00005	92.72427
35	0	14302	14292	11329661	0.00005	92.71992
34	0	14303	14293	11332771	0.00005	92.71542
33	0	14304	14294	11335881	0.00005	92.71077
32	0	14305	14295	11338991	0.00005	92.70592
31	0	14306	14296	11342101	0.00005	92.70092
30	0	14307	14297	11345211	0.00005	92.69577
29	0	14308	14298	11348321	0.00005	92.69042
28	0	14309	14299	11351431	0.00005	92.68492
27	0	14310	14300	11354541	0.00005	92.67927
26	0	14311	14301	11357651	0.00005	92.67342
25	0	14312	14302	11360761	0.00005	92.66742
24	0	14313	14303	11363871	0.00005	92.66127
23	0	14314	14304	11366981	0.00005	92.65492
22	0	14315	14305	11370091	0.00005	92.64842
21	0	14316	14306	11373201	0.00005	92.64177
20	0	14317	14307	11376311	0.00005	92.63492
19	0	14318	14308	11379421	0.00005	92.62792
18	0	14319	14309	11382531	0.00005	92.62077
17	0	14320	14310	11385641	0.00005	92.61342
16	0	14321	14311	11388751	0.00005	92.60592
15	0	14322	14312	11391861	0.00005	92.59827
14	0	14323	14313	11394971	0.00005	92.59042
13	0	14324	14314	11398081	0.00005	92.58242
12	0	14325	14315	11401191	0.00005	92.57427
11	0	14326	14316	11404301	0.00005	92.56592
10	0	14327	14317	11407411	0.00005	92.55742
9	0	14328	14318	11410521	0.00005	92.54877
8	0	14329	14319	11413631	0.00005	92.53992
7	0	14330	14320	11416741	0.00005	92.53092
6	0	14331	14321	11419851	0.00005	92.52177
5	0	14332	14322	11422961	0.00005	92.51242
4	0	14333	14323	11426071	0.00005	92.50292
3	0	14334	14324	11429181	0.00005	92.49342
2	0	14335	14325	11432291	0.00005	92.48342
1	0	14336	14326	11435401	0.00005	92.47342

68	79	1303	44.13146	11426338.	0.05510	75.0762
67	25	15404	44.39565	11421713.	0.01406	75.09067
66	52	17403	44.51463	11433345.	0.02431	75.09449
65	49	14579	44.74176	11431532.	0.03230	75.09876
64	47	14674	44.84977	11431532.	0.03230	75.09876
63	67	15723	45.17173	11432434.	0.03544	75.10342
62	53	15723	45.17173	11432434.	0.03544	75.10342
61	54	15723	45.17173	11432434.	0.03544	75.10342
60	42	15723	45.17173	11432434.	0.03544	75.10342
59	48	15723	45.17173	11432434.	0.03544	75.10342
58	55	15723	45.17173	11432434.	0.03544	75.10342
57	41	15723	45.17173	11432434.	0.03544	75.10342
56	75	15723	45.17173	11432434.	0.03544	75.10342
55	101	15723	45.17173	11432434.	0.03544	75.10342
54	127	15723	45.17173	11432434.	0.03544	75.10342
53	55	15723	45.17173	11432434.	0.03544	75.10342
52	47	15723	45.17173	11432434.	0.03544	75.10342
51	37	15723	45.17173	11432434.	0.03544	75.10342
50	800	15723	45.17173	11432434.	0.03544	75.10342
49	54	15723	45.17173	11432434.	0.03544	75.10342
48	408	15723	45.17173	11432434.	0.03544	75.10342
47	79	15723	45.17173	11432434.	0.03544	75.10342
46	11	15723	45.17173	11432434.	0.03544	75.10342
45	165	15723	45.17173	11432434.	0.03544	75.10342
44	141	15723	45.17173	11432434.	0.03544	75.10342
43	91	15723	45.17173	11432434.	0.03544	75.10342
42	124	15723	45.17173	11432434.	0.03544	75.10342
41	84	15723	45.17173	11432434.	0.03544	75.10342
40	147	15723	45.17173	11432434.	0.03544	75.10342
39	23	15723	45.17173	11432434.	0.03544	75.10342
38	141	15723	45.17173	11432434.	0.03544	75.10342
37	68	15723	45.17173	11432434.	0.03544	75.10342
36	344	15723	45.17173	11432434.	0.03544	75.10342
35	890	15723	45.17173	11432434.	0.03544	75.10342
34	121	15723	45.17173	11432434.	0.03544	75.10342
33	140	15723	45.17173	11432434.	0.03544	75.10342
32	30	15723	45.17173	11432434.	0.03544	75.10342
31	180	15723	45.17173	11432434.	0.03544	75.10342
30	253	15723	45.17173	11432434.	0.03544	75.10342
29	144	15723	45.17173	11432434.	0.03544	75.10342
28	14	15723	45.17173	11432434.	0.03544	75.10342
27	156	15723	45.17173	11432434.	0.03544	75.10342
26	200	15723	45.17173	11432434.	0.03544	75.10342
25	2100	15723	45.17173	11432434.	0.03544	75.10342
24	43	15723	45.17173	11432434.	0.03544	75.10342
23	222	15723	45.17173	11432434.	0.03544	75.10342
22	241	15723	45.17173	11432434.	0.03544	75.10342
21	61	15723	45.17173	11432434.	0.03544	75.10342
20	120	15723	45.17173	11432434.	0.03544	75.10342
19	255	15723	45.17173	11432434.	0.03544	75.10342
18	465	15723	45.17173	11432434.	0.03544	75.10342
17	307	15723	45.17173	11432434.	0.03544	75.10342
16	505	15723	45.17173	11432434.	0.03544	75.10342
15	846	15723	45.17173	11432434.	0.03544	75.10342
14	159	15723	45.17173	11432434.	0.03544	75.10342
13	131	15723	45.17173	11432434.	0.03544	75.10342
12	85	15723	45.17173	11432434.	0.03544	75.10342
11	484	15723	45.17173	11432434.	0.03544	75.10342
10	1033	15723	45.17173	11432434.	0.03544	75.10342
9	76	15723	45.17173	11432434.	0.03544	75.10342
8	2166	15723	45.17173	11432434.	0.03544	75.10342
7	160	15723	45.17173	11432434.	0.03544	75.10342
6	609	15723	45.17173	11432434.	0.03544	75.10342
5	481	15723	45.17173	11432434.	0.03544	75.10342
4	1031	15723	45.17173	11432434.	0.03544	75.10342
3	103	15723	45.17173	11432434.	0.03544	75.10342
2	1214	15723	45.17173	11432434.	0.03544	75.10342
1	1434	15723	45.17173	11432434.	0.03544	75.10342

APPENDIX C

NARF CALENDAR SUMMARY OF DEMANDS

NARF NORTH ISLAND DAILY SUPPLY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980										
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
***** DECEMBER 1979 *****										
0	0	0	0	0	0	0	0	0	0	303
182	1194	770	312	814	1202	388	5462	5078	4575	1586
35	1236	742	865	797	1047	352	5078	4575	1586	372
365	807	965	843	753	748	1	1586	372	17376	1044
0	0	0	0	0	0	0	0	0	0	3555
0	372	0	0	0	0	0	0	0	0	3555
586	3609	2481	3372	2585	3555	1044	17376	1044	17376	17376
***** JANUARY 1980 *****										
0	0	0	695	550	503	107	1855	1855	1855	1855
1	655	628	822	716	636	26	3484	5000	5000	5000
3	1136	777	909	828	1115	212	5000	5000	5000	5000
65	1675	517	1114	857	868	145	5050	5050	5050	5050
92	1361	886	776	865	0	0	3926	3926	3926	3926
161	4227	3230	4321	3800	3122	494	19355	19355	19355	19355
***** FEBRUARY 1980 *****										
0	0	0	0	0	0	0	0	0	0	1185
224	1174	1056	1074	888	702	447	5565	5565	5565	5565
0	1181	1041	661	1604	928	266	5701	5701	5701	5701
78	47	1086	771	1218	763	442	4402	4402	4402	4402
2	1255	745	849	527	966	0	4754	4754	4754	4754
304	3657	3528	3355	4647	4303	1417	21611	21611	21611	21611
***** MARCH 1980 *****										
0	0	0	0	0	0	0	0	0	0	401
0	1224	823	1002	551	697	277	5124	5124	5124	5124
54	1320	1050	719	660	862	195	5268	5268	5268	5268
64	1107	844	783	921	1074	172	4950	4950	4950	4950
0	1180	660	751	667	568	70	4236	4236	4236	4236
0	783	0	0	0	0	0	783	783	783	783
142	5714	3387	3455	3375	3606	1119	20802	20802	20802	20802

APPENDIX C

NARF CALENDAR SUMMARY OF DEMANDS

NARF NORTH ISLAND DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980									
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	TOTAL	
***** DECEMBER 1979 *****									
0	0	0	0	0	0	0	0	303	303
182	1194	770	312	814	1202	386	5462	5462	
35	1236	742	865	797	1047	352	5078	5078	
365	807	965	843	753	798	0	4575	4575	
0	0	0	452	565	549	1	1586	1586	
0	372	0	0	0	0	0	372	372	
586	3609	2481	3372	2585	3555	1044	17376	17376	
***** JANUARY 1980 *****									
0	0	0	695	550	503	107	1855	1855	
1	655	628	822	716	636	26	3484	3484	
3	1136	737	909	826	1115	212	5000	5000	
65	1675	517	1119	857	868	145	5050	5050	
92	1361	666	776	865	0	0	3926	3926	
161	4227	3230	4321	3800	3122	494	19355	19355	
***** FEBRUARY 1980 *****									
0	0	0	0	0	947	242	1185	1185	
224	1174	1056	1074	666	702	447	5565	5565	
0	1181	1041	661	1664	928	266	5701	5701	
78	47	1086	771	1218	763	442	4402	4402	
2	1255	745	849	527	966	0	4754	4754	
304	3657	3528	3355	4647	4303	1417	21611	21611	
***** MARCH 1980 *****									
0	0	0	0	0	0	401	401	401	
0	1224	823	1002	551	697	277	5124	5124	
58	1320	1050	319	660	862	195	5268	5268	
84	1107	844	783	921	1079	172	4950	4950	
0	1180	660	751	607	568	70	4236	4236	
0	783	0	0	0	0	0	783	783	
142	5714	3381	3455	3375	3606	1119	20802	20802	

***** APRIL 1980 *****

0	0	864	891	724	741	250	3730
C	763	1022	027	1280	1016	153	4882
0	1189	1217	1049	566	1054	365	5791
10	1044	1222	952	1452	1279	347	6306
0	1366	1271	1145	C	0	0	3802
10	4402	5557	4664	4424	4295	1115	24511

MONTHLY DEMAND

***** PAY 1980 *****

0	0	C	J	1025	1080	244	2349
10	1218	1657	778	1225	1014	145	6287
1	1737	975	1142	1556	1317	286	7018
3	1069	1084	381	760	894	2	4793
0	114	711	748	757	1150	249	3769
14	4138	4671	3649	5262	5455	926	24216

MONTHLY DEMAND

***** JUNE 1980 *****

137	941	1075	1324	560	784	196	4723
137	754	870	870	554	778	128	4041
1	1031	657	770	560	681	88	4428
1	1101	747	363	675	830	76	4295
1	724	C	0	C	0	0	725
277	4551	3542	3527	2745	3073	492	18212

MONTHLY DEMAND

***** JULY 1980 *****

0	0	722	555	475	0	C	1752
1	410	431	197	464	323	62	2088
56	470	575	623	504	587	80	2879
70	474	442	166	216	206	16	1592
7	257	228	144	130	0	0	806
114	1651	2402	1485	1765	1116	160	9117

MONTHLY DEMAND

***** AUGUST 1980 *****									
0	0	C	0	0	94	25	119		
17	242	157	319	163	310	47	1297		
14	288	197	192	171	141	12	1015		
4	212	170	222	132	57	3	800		
0	49	86	191	289	310	34	961		
0	0	C	0	0	0	C	0		
37	751	657	524	755	912	121	4192		
MONTHLY DEMAND									
***** SEPTEMBER 1980 *****									
0	1	422	493	410	514	107	1947		
0	360	315	238	254	349	76	1614		
2	248	270	38	6	5	0	571		
0	13	5	7	6	8	C	41		
0	6	11	0	C	0	0	17		
2	628	1043	776	680	876	185	4190		
MONTHLY DEMAND									
1647	33368	30934	29620	30575	30353	7077	163582		
TOTAL DEMAND									

APPENDIX D

NARF CALENDAR WEIGHT SUMMARY

NARF NORTH ISLAND CALENDAR SUMMARY OF REQUISITION NET WEIGHTS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	MON	TUE	WED	THU	FRI	SAT	TOTAL
*****	*****	*****	*****	*****	*****	*****	*****
0.0	0.0	0.0	0.0	0.0	0.0	0.0	7869.0
244.7	11158.6	652.7	87137.2	292182.9	93846.6	2705.8	493982.4
21.5	74739.2	16354.9	234217.2	13746.8	12815.7	14813.5	360408.7
562.7	6114.0	57186.1	178295.6	6982.3	11796.2	0.0	301556.9
0.0	0.0	0.0	141585.5	4945.1	2502.5	40.0	149477.1
0.0	1191.4	0.0	0.0	0.0	0.0	0.0	1191.4
829.0	93223.0	114433.7	641635.6	317857.0	121010.5	25432.3	1314484.0
MONTHLY WEIGHT							
*****	*****	*****	*****	*****	*****	*****	*****
0.0	0.0	3.0	155152.8	37974.3	7781.4	452.7	201362.1
0.0	5581.6	32055.5	202664.1	303071.9	29373.4	1.6	573150.1
0.0	18220.3	6172.6	121635.5	13483.2	25725.6	1459.2	186696.9
72.0	6247.1	36004.1	103537.4	11454.7	5405.5	3033.5	166154.6
214.6	17979.3	17452.1	168156.9	23474.0	0.0	0.0	227916.8
206.6	48428.3	51614.2	752189.2	385458.1	68284.1	4548.4	1355280.0
MONTHLY WEIGHT							
*****	*****	*****	*****	*****	*****	*****	*****
0.0	0.0	0.0	0.0	0.0	28815.3	2365.7	31180.9
1143.5	17960.7	114843.4	277641.2	34786.3	4067.5	6153.6	456646.1
0.0	26783.2	1114.2	298190.0	16369.4	68564.5	7155.3	428606.9
14215.3	552.8	66492.6	48350.7	67765.6	9137.2	3247.6	210461.5
1.6	7351.2	177478.1	116813.6	26108.1	255667.5	0.0	623620.6
15110.4	53047.9	313158.2	740555.4	145029.3	406857.7	18522.2	1750514.0
MONTHLY WEIGHT							
*****	*****	*****	*****	*****	*****	*****	*****
0.0	0.0	0.0	0.0	0.0	0.0	15254.2	15254.2
0.0	7397.7	9637.6	65124.1	47462.2	13334.6	953.5	143327.9
192.5	10664.8	1198.9	170704.9	952.9	36596.6	357.6	236268.3
236.6	11417.9	22714.9	234828.2	23630.8	32417.1	581.7	326227.0
0.0	7467.5	13011.3	17722.3	6316.8	7614.6	1991.7	213895.7
0.0	16516.5	0.0	0.0	0.0	0.0	0.0	16936.9
429.1	53805.2	22582.9	647668.6	86962.7	90223.3	19538.6	951910.3
MONTHLY WEIGHT							

0.0 0.0 14611.6 11420.8 10582.8 3967.6 3240.6 164403.4
 0.0 5790.3 10225.6 155236.1 10938.6 11503.5 912.1 194708.1
 0.0 16636.5 11213.3 21615.1 15595.0 292141.4 1286.2 554144.4
 0.0 7460.5 22735.3 265785.7 31759.4 11632.6 2973.1 342347.9
 0.0 151347.0 5600.4 182614.4 0.0 0.0 0.0 334821.7
 0.0 181284.8 124636.1 891971.1 64875.9 320246.1 8411.5 1555423.0
 MONTHLY WEIGHT

0.0 0.0 0.0 0.0 494524.5 38570.2 2645.6 535144.5
 0.0 20512.2 41131.4 71142.9 116587.9 12983.1 412.6 270841.1
 0.1 14632.8 6717.5 156817.5 11077.5 20662.5 20459.2 230367.5
 0.1 49174.3 9188.2 56822.7 9203.8 9560.2 0.0 133569.2
 0.0 3160.2 4501.2 5175.9 112739.6 17131.5 557.3 147669.6
 0.0 87499.4 47510.4 294013.0 746133.2 98307.5 23475.2 1317590.0
 MONTHLY WEIGHT

441.8 5080.7 23575.0 57683.1 54961.6 14514.6 1258.6 197755.2
 305.4 8569.9 8690.3 61267.2 24318.3 168364.5 460.7 212316.1
 3.0 27241.1 47533.0 125108.2 19133.0 53376.2 70.7 292525.4
 0.1 20254.4 127045.1 55536.6 291891.6 9315.6 86.7 518531.9
 1.0 5748.0 0.0 0.0 0.0 0.0 0.0 5769.0
 751.2 67214.1 276533.3 304137.1 390304.4 185570.5 1516.7 1226897.0
 MONTHLY WEIGHT

0.0 0.0 5449.0 61613.0 1702.9 0.0 0.0 68844.9
 0.0 2929.0 1610.3 157286.2 6717.6 28402.7 128.7 199075.0
 0.0 167075.2 3037.7 8854.5 7344.7 1953.2 300.5 190617.1
 152.1 6240.0 1450.3 3445.5 1935.4 1014.3 30.6 14398.7
 2.5 5159.8 28442.0 4390.8 1376.0 0.0 0.0 39371.1
 232.2 181454.5 44049.3 235583.9 19156.7 31370.2 460.1 512306.9
 MONTHLY WEIGHT

***** AUGUST 1980 *****									
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	2966.5	5423.1	2213.9	745.7	1155.8	22.8	1178.6		
22.9	1153.2	2148.1	657.0	845.6	1395.4	254.5	13162.5		
0.0	4671.5	1735.5	2935.8	791.8	1175.7	38.8	6886.3		
0.0	315.7	107.3	1255.4	60539.2	25.6	8.2	10218.4		
0.0	0.0	0.0	0.0	0.0	1148.2	5943.0	69386.9		
47.0	5110.8	10034.0	7446.1	62922.2	4905.6	6307.6	100842.6		
MULTIPLY WEIGHT									
***** SEPTEMBER 1980 *****									
	0.0	0.1	1325.5	50145.6	3762.6	8505.6	491.1	64231.8	
0.0	2657.0	1835.9	43456.4	4506.3	976.8	791.8	54228.1		
0.1	2541.9	2064.2	231.8	34.2	41.5	0.0	4513.2		
0.0	7.5	7.3	21.6	138.8	7.4	0.0	182.7		
0.0	28.0	105.0	0.0	0.0	0.0	0.0	133.0		
0.1	5234.5	5140.9	93855.4	8441.9	9532.9	1282.8	123688.6		
MULTIPLY WEIGHT									

10036.6	780488.4	1154298.0	4609716.0	2235139.0	1336907.0	110655.8	10249334.0		
TOTAL WEIGHT									

APPENDIX E NARF CALENDAR CUBE SUMMARY

NARF NORTH ISLAND CALENDAR SUMMARY OF REQUISITION NET CUBIC VOLUME FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980							
SUB	HJB	IJC	BLU	IUD	EBI	SFI	ILIAL
***** DECEMBER 1979 *****							
0.0	0.0	0.0	0.0	0.0	0.0	017.7	017.7
27.8	1613.9	3541.6	4176.3	14015.0	6712.2	450.5	30538.0
1.6	6310.7	6175.8	12191.0	1986.6	1275.8	2211.7	31361.3
380.4	5049.9	4200.0	8444.6	25806.3	3565.5	0.0	51513.0
0.0	0.0	0.0	5669.0	7453.0	382.1	0.0	13501.5
0.0	142.2	0.0	0.0	0.0	0.0	0.0	142.3
405.9	13116.8	14121.3	31480.5	52319.9	11945.0	3480.7	127874.6
***** JANUARY 1980 *****							
0.0	0.0	0.0	6459.6	28584.2	1070.4	56.6	26171.5
0.1	581.6	1421.0	7883.1	12495.4	4265.5	0.2	27063.3
0.0	7173.3	8433.1	5751.6	2918.4	1467.3	123.9	106637.5
0.0	2557.9	7335.2	106849.5	2098.0	1996.6	790.5	121336.4
22.9	14361.9	1074.7	6444.0	2163.4	0.0	0.0	24236.9
31.6	25074.7	53279.7	133607.7	48279.5	9200.6	971.8	315445.6
***** FEBRUARY 1980 *****							
0.0	0.0	0.0	0.0	0.0	7576.2	145.5	7726.2
170.0	4894.7	5218.7	12570.7	5767.9	470.7	536.1	29656.9
0.0	27759.3	1011.6	17207.9	1079.8	3161.4	567.3	50847.1
275.2	45.1	1586.2	5384.6	4622.1	5142.7	1306.2	29002.2
0.1	5094.8	24213.8	5480.6	1535.4	13035.8	0.0	49964.4
1072.4	27613.8	31113.3	44843.8	13405.1	29390.8	2555.5	167156.6
***** MARCH 1980 *****							
0.0	0.0	0.0	0.0	0.0	0.0	1393.0	1393.0
0.0	13759.1	43758.7	7855.0	2965.7	1330.6	115.8	89828.9
24.9	32092.9	1161.7	7299.6	15882.8	6085.6	110.2	62647.2
131.1	2298.0	6527.1	11503.0	1535.7	3370.8	124.2	31600.0
0.0	3972.0	8533.7	7142.2	765.8	1327.4	50.7	22261.8
0.0	502.3	0.0	0.0	0.0	0.0	0.0	502.3
155.7	52634.3	43531.2	33843.8	27149.9	12114.4	1803.9	208233.1
***** MARCH 1980 *****							

MONTHLY CLUB		APRIL		MAY		JUNE		JULY	
5.0	0.0	4125.4	4613.0	918.5	735.5	58.1	10069.5		
0.0	2333.2	2110.3	7211.5	2502.7	1326.7	45.1	34437.6		
0.0	8279.3	2103.3	8748.0	1267.1	15554.5	134.1	56166.7		
6.0	2693.2	5858.2	10954.1	2133.4	3952.8	258.7	25553.5		
0.0	6252.3	878.0	7855.6	0.0	0.0	0.0	15029.8		
5.0	19558.1	3163.3	39426.2	6841.6	21374.9	636.0	121677.1		
***** MAY *****									
0.0	0.0	9.0	0.0	21575.2	3461.3	220.5	25277.3		
6.0	4505.5	44458.2	2558.6	5050.0	3490.0	44.1	61707.0		
0.0	4924.1	763.9	6466.6	5985.3	6351.2	314.2	25305.4		
5.0	8248.0	1558.8	2373.7	745.9	365.4	0.0	13135.7		
0.0	33.0	741.1	3607.3	6525.5	3420.7	58.6	14666.0		
9.0	10111.0	44072.1	15606.2	40681.9	17012.6	677.6	140691.3		
***** JUNE *****									
71.6	18002.3	4037.5	3505.8	2811.2	1950.2	101.8	30456.5		
26.2	2396.8	3617.2	24682.1	2065.0	4412.5	27.1	37227.4		
0.0	1706.8	3778.4	6726.8	1308.4	2345.8	3.5	15112.1		
0.0	2197.3	6233.0	6683.5	12144.1	1435.2	6.2	28659.4		
0.0	2044.7	0.0	0.0	0.0	5.6	0.0	2094.7		
103.9	26395.8	16336.1	41558.2	18328.8	10146.1	135.2	113650.0		
***** JULY *****									
0.0	0.0	3125.4	43357.5	226.0	0.0	0.0	47352.9		
0.2	22986.6	500.7	7584.9	1250.8	5145.7	38.9	37011.8		
27.5	8076.8	555.6	6761.3	2295.3	331.2	45.7	18008.0		
0.0	2471.2	355.7	1354.2	12621.8	62.7	1.9	16897.9		
0.0	699.9	1200.4	130.0	91.7	5.0	0.0	2122.0		
40.0	32266.5	6144.7	59827.8	16585.6	5943.6	86.5	121392.5		

AD-A110 879

NAVAL POSTGRADUATE SCHOOL MONTEREY CA
PRE-CONSOLIDATION SUPPLY DEMAND PATTERNS OF NARF NORTH ISLAND A--ETC(U)
SEP 81 J M ROBERTSON

F/G 15/5

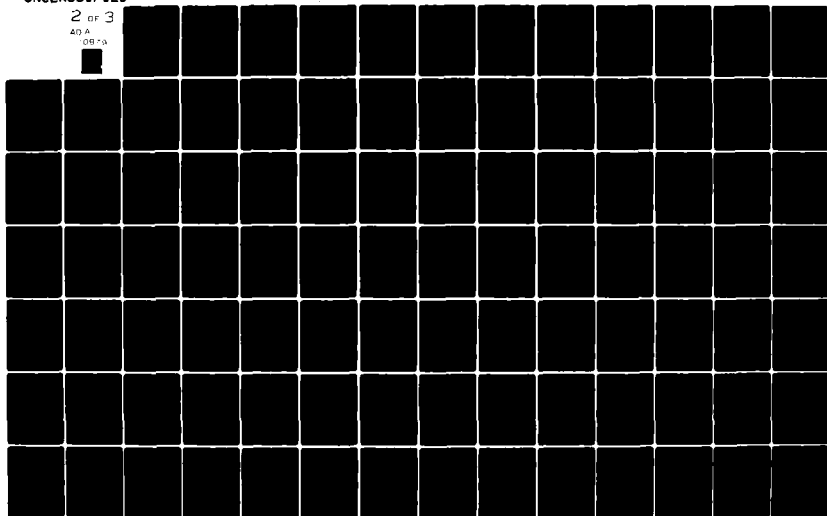
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2 OF 3

AD A

08 10



NARF HIGH DEMAND ITEMS

IF COLUMNS 7-9 SHOW ZERO OR BLANK THEN THIS INFORMATION WAS NOT AVAILABLE FOR THE ITEM

[illegible]

APPENDIX G

NSC SAN DIEGO LOCAL CUSTOMER LISTING

AFLOAT:
ZONES 1, 2, 3, 4
32ND STREET PIERS 1-15

N03123	USS THOMASTON LSD 23
N03131	USS POINT DEFIANCE LSD 31
N03133	USS ALAMO LSD 33
N03135	USS ANTIETAM LSD 35
N03143	USS SCOTTS BLVD DD 43
N03884	USS MC KEAN DD 784
N04618	USS JIKIE AG 18
N04620	USS PRAIRIE AG 15
N04643	USS SAMUEL GOMPERS AG 37
N04657	USS TURNER JOY 00 051
N04673	USS HENRY SAILSON DD 7
N04674	USS LYONS AG 00 00 3
N04673	USS RICHMOND DDG 12
N04681	USS BERKELEY DDG 15
N04691	USS MADDELL DDG 24
N04692	USS TALIGA T AG 02
N04693	USS RAMSEY FFG 2
N05845	USS DURHAM LKA 114
N05846	USS MOBILE LKA 115
N05847	USS ST LOUIS LKA 116
N07110	USS JAPAN ATF 110
N07171	USS VANCOUVER LPD 2
N07176	USS OGDEN LPD 5
N07181	USS CLEVELAND LPD 7
N07182	USS OLSBUQUE LPD 8
N07183	USS DENVER LPD 9
N07184	USS JUNEAU LPD 10
N07193	USS TRIPOOLI LPD 10
N09346	SHIPS VT AIRCRAFT
N07202	USS NEW ORLEANS LPH 11
N09844	SHIPS VT ACFT USS NEW ORLEANS LPH 1
N07203	USS ANCHORAGE LSD 35
N07351	USS OKINAWA LPH 3
N09800	SHIPS VT AIRCRAFT
N07967	USS ENHANCE ASD 437
N07994	USS PLUCK MSD 434
N09806	USS AJAX AR 6
N09810	USS JASON AR 3
N17741	YR 35
N20014	USS MOUNT VERNON LSD 30
N20015	USS FORT FISHER LSD 40
N20021	USS FRESH LST 1132
N20022	USS PEORIA LST 1133
N20023	USS FREDERICK LST 1134
N20024	USS SCHEMECTADY LST 1135
N20025	USS TOSCALUSA LST 1137

N00023 JSS SAN BENITO LST 1139
 N00030 JSS PACIFIC LST 1191
 N00034 JSS CULX FT 1033
 N00056 JSS SAGESEY FF 1038
 N00091 JSS BARBUDA COUNTY LST 1195
 N00092 JSS BRISTOL COUNTY LST 1193
 N00097 JSS KINKAID DD 965
 N00086 JSS BENITT DD 968
 N00097 JSS ELLIOTT DD 967
 N00091 JSS DAVID A RAY DD 971
 N00093 USS OLIVE DRAKE DD 972
 N00094 JSS JOHN YOUNG DD 973
 N00601 JSS DANIEL DD 975
 N00602 JSS MEKILL DD 975
 N00615 JSS LEFTWICH DD 984
 N00617 JSS CUSHING DD 985
 N00833 JSS HARRY W HILL DD 990
 N00837 JSS INBERGILL DD 990
 N00838 JSS FIFE DD 991
 N00839 JSS FLETCHER DD 992
 N01047 JSS ACADIA AD 42
 N02196 JSS DECATUR DDG 31
 N02687 JSS LEAHY CG 15
 N02692 JSS GRIDLEY CG 21
 N02694 JSS HALSEY CG 23
 N02706 JSS HORNE CG 30
 N02707 JSS WILLIAM L STANDLEY CG 32
 N02703 JSS FOX CG 33
 N04045 JSS ALBERT DAVID FF 1050
 N04046 JSS MCALLAHAN FF 1051
 N04043 JSS ROARK FF 1053
 N04049 JSS GRAY FF 1054
 N04050 JSS HEPBURN FF 1055
 N04053 JSS MEYERKORD FF 1058
 N04055 JSS LANG FF 1060
 N04053 JSS REASNER FF 1063
 N04060 JSS STELL FF 1065
 N04061 JSS MARVIN SHIELDS FF 1066
 N04064 JSS BAGLEY FF 1069
 N04065 JSS DOWNES FF 1070
 N04071 JSS FANNING FF 1076

CENTRAL:
 ZONE 5
 32ND STREET COMPLEX & NAVAL STATION

N00242 NAVAL BASE SAN DIEGO
 N00245 NAVAL STATION SAN DIEGO
 N00254 FLEET COMBAT SYSTEMS TRAINING CENTER
 N00949 FLEET ANTI SUBMARINE WARFARE TRAINING CENTER
 N09815 TACTICAL AIR CONTROL S2 1 VCT 1

N21053	CAPE COD AS 43
N21053	USS SHENANDOAH AD 44
N39334	NAVAL SCHOOL OF DENTAL ASSISTING AND TECHNOLOGY
N42930	NAVY BROADCASTING SERVICE DETACHMENT
N55304	TURTLE TECHNICAL UNIT 5
N57022	COMMANDER TRAINING COMMAND PACIFIC FLEET
N57062	FLUENT TRAILING GROUP SAN DIEGO
N61655	FLUENT COMBAT TRAINING CENTER PACIFIC
N61690	FLUENT TRAINING CENTER SAN DIEGO
N62731	SC SERVICE OF SHIPLOG CONVERSION AND REPAIR
N62737	NAVY PUBLIC WORKS CENTER
N65534	NAVELX DETACHMENT SAN DIEGO
N65913	SHORE INTERMEDIATE MAINTENANCE ACTIVITY
N66022	NAVAL REGIONAL DENTAL CLINIC SAN DIEGO
N66140	SPECIAL SERVICES
N68553	PERSONNEL SUPPORT ACTIVITY
N66463	NATIONAL STEEL AND SHIPLOG CO

NORTHWEST:
ZONE 6
SUBMARINE SUPPORT FACILITY

N04621	JSS SPERRY AS 12
N04709	JSS FLORIAN ASR 9
N05330	JSS SAN ONOFRE ARD 30
N20132	JSS DIXON AS 37
N20143	USS PIGEON ASR 21
N20823	MYSTIC USRV 1
N20824	TURTLE USV 3
N20892	USRV 2 AVALON
N20919	SEA CLIFF USV 4
N33175	SUBMARINE GROUP 5
N55347	SUBMARINE SQUADRON 3
N55522	SUBMARINE DEVELOPMENT GROUP ONE
N63406	NAVY SUBMARINE SUPPORT FACILITY
N05057	JSS PEAK SSN 534
N05058	JSS PLUNGER SSN 595
N05059	USS BARB SSN 596
N05072	USS DOLPHIN AGSS 555
N05111	JSS POLLACK SSN 603
N05112	JSS HADDO SSN 604
N05113	JSS JACE SSN 607
N05120	JSS GUARD FISH SSN 612
N05121	JSS FLASHER SSN 613
N05127	JSS HADDOCK SSN 621
N05141	JSS SAND LANCE SSN 650
N05143	JSS BURNARD SSN 662
N05147	JSS GUITARRO SSN 665
N05153	JSS PINTADO SSN 672
N05557	JSS GUDGEON SSAG 567
N05604	JSS BLUEBACK SS 581

N05605 JSS BRANCH 55 542
 N05725 JSS OFOP SSN 577
 N20043 JSS WILLIAMS RATES SS 540
 N20346 JSS CAVALLA SSN 554

NAVAL TRAINING COMMAND

N00247 US NAVAL TRAINING CENTER SAN DIEGO
 N05811 SERVICE SCHOOL COMMAND SAN DIEGO
 N30627 SERVICE SCHOOL COMMAND SAN DIEGO
 N31954 NAVAL SUBMARINE TRAINING FACILITY
 N68003 HUMAN RESOURCE MANAGEMENT CENTER
 N68350 NAVAL RESERVE READINESS COMMAND
 N68401 NAVY RECRUITING DISTRICT SAN DIEGO
 N68552 PERSONNEL SUPPORT ACTIVITY NTC SAN DIEGO

POINT LOMA

N00914 NAVY PETROLEUM UNIT
 N39353 CG INTEGRATED COMBAT SYSTEMS TEST FACILITY
 N42500 UNMANNED VEHICLE DETACHMENT
 N66001 NAVAL OCEAN SYSTEMS CENTER
 N68524 NAVY TACTICAL INTEROPERABILITY

ZONE 6 OTHERS

N04884 NAVY MANPOWER AND MATERIAL ANALYSIS CENTER
 Z15379 CGC WALNUT ALA 252
 N33032 USPHS OUTPATIENT CLINIC
 N33053 FEDERAL BUREAU INVESTIGATION
 N33071 VETERANS ADMINISTRATION HOSPITAL
 N33112 BUREAU OF PRISONS, METROPOLITAN
 Z33255 CG MARINE SAFETY OFFICE
 N38162 MARINE PNEUMATICS
 N38163 AMEX SYSTEMS INC
 N62106 NAVAL RESERVE CENTER
 N62750 NAVAL AUDIT SERVICE WESTERN REGION
 N63016 NAVAL EDUCATION AND TRAINING SUPPORT CENTER PACIFIC
 N63116 NAVAL HEALTH RESEARCH CENTER
 N63152 FLEET COMBAT DIRECTION SYSTEMS SUPPORT ACTIVITY
 N65913 NAVAL SEA SUPPORT CENTER
 N68221 NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER
 N94995 GENERAL DYNAMICS CORP
 N96457 WHITAKER CORP
 N96462 HARBOR BOAT AND YACHT CO
 N96592 LOCKHEED MISSILE AND SPACE COMPANY
 N97100 PCA SAN DIEGO ENGINEERING

NORTHEAST:
 ZONE 7
 NAS MIRAMAR

N09043 CARRIER AIRBORNE EARLY WARNING TRAINING SQUADRON VAW 110
 N09074 CARRIER AIRBORNE EARLY WARNING SQUADRON VAW 33
 N09095 FIGHTER SQUADRON VF 124
 N09104 FIGHTER SQUADRON VF 301
 N09120 FIGHTER SQUADRON VF 302
 N09203 AIR ANTI-SUBMARINE SQUADRON VS 33
 N09277 FIGHTER SQUADRON VF 121
 N09234 ATTACK SQUADRON VA 145
 N09425 FIGHTER AIRBORNE EARLY WARNING WING PACIFIC
 N09453 CARRIER AIRBORNE EARLY WARNING SQUADRON VAW 112
 N09459 CARRIER AIRBORNE EARLY WARNING SQUADRON VAW 113
 N09462 CARRIER AIRBORNE EARLY WARNING SQUADRON VAW 114
 N09463 CARRIER AIRBORNE EARLY WARNING SQUADRON VAW 115
 N09475 FIGHTER SQUADRON VF 51
 N09481 FIGHTER SQUADRON VF 126
 N09827 FLEET COMPOSITE SQUADRON VC 7
 N09830 AIR TEST AND EVALUATION SQUADRON +
 N52912 NAVY FIGHTER WEAPONS SCHOOL
 N60259 NAVAL AIR STATION MIRAMAR
 N66064 JIC NAVAL AIR MAINT TRNG GROUP DET MIRAMAR
 N66472 NAVAL OCEANOGRAPHY COMMAND
 N66894 NAVAL DRUG REHABILITATION CENTER
 N70240 US NAVAL COMMUNICATION STATION

ZONE 7 OTHERS

N69050 NAVAL REGIONAL MEDICAL CENTER SAN DIEGO
 N09530 FLEET AVIATION SPECIAL OP TRAINING DET WARNER SPRINGS
 N38143 ALDI CORPORATION
 N38150 AMEX SYSTEMS INC
 N38160 BAY CITY MARINE
 N38167 AMETEK
 N38173 INGERSOLL-RAND
 N38177 THE STANNICK CORP
 N60042 NAVAL AIR FACILITY EL CENTRO
 N68296 NATIONAL PARACHUTE TEST RANGE EL CENTRO
 N96460 TRIPLE A SOUTH
 N90839 CONVAIR

NATIONAL CITY SOUTH AND CORONADO PENINSULA
 ZONE 2
 NAS NORTH ISLAND

N00164 DEPUTY COMMANDER DEFEVER PACIFIC
 N00248 NAVAL AIR STATION NORTH ISLAND
 N03343 USS CORAL SEA CV 43
 N03361 USS PALMER CV 41
 N03363 USS KITTY HAWK CV 63
 N03364 USS CONSTELLATION CV 64
 N03651 USS LONG BEACH CGN 9
 N09126 HELICOPTER ANTISUB SQD LT HSL 31
 N09133 HELICOPTER ANTISUBMARINE SQD LT HSL 33
 N09143 NAVAL AIR RESERVE CENTER DET SAN DIEGO
 N09176 FLEET COMPOSITE SQD VC3
 N09191 FLEET AVIATION SPECIALIZED TRAINING GROUP
 N09211 HELICOPTER COMBAT SUPPORT SQD HC1
 N09295 NAVAL AIR RESERVE UNIT
 N09293 AIR ANTISUBMARINE SQD VS 41
 N09299 HELICOPTER ANTISUBMARINE SQD LT HSL 10
 N09372 HELICOPTER ANTISUBMARINE SQD HS2
 N09381 AIR ANTISUBMARINE SQD VS37
 N09391 LIGHT PHOTOGRAPHIC SQD VP 63
 N09523 FLEET AREA CONTROL AND SURVEILLANCE
 N09607 FLEET LOGISTICS SUPPORT SQD VR30
 N09673 FIGHTER SQUADRON VF154
 N09739 AIR ANTI SUBMARINE SQD VS21
 N09822 HELICOPTER COMBAT SUPPORT SQD HC 3
 N09876 SHIPS AT AIRCRAFT KITTY HAWK CV 63
 N09951 HELICOPTER ANTISUBMARINE SQD HS 3
 N09961 ANTISUBMARINE WARFARE WING PACIFIC
 N09983 HELICOPTER WING RESERVE
 N20550 USS TARAWA LHA 1
 N42366 NAVAL AVIATION LOGISTICS CENTER
 N52700 USS BAINBRIDGE CGN 25
 N52712 USS TRUXTON CGN 35
 N52876 HELICOPTER ANTISUBMARINE SQD LTHSL 35
 N52995 FLEET COMPOSITE SQD VC13
 N53813 HELICOPTER COMBAT SUPPORT SQD HC 9
 N53910 FLEET LOGISTICS SUPPORT SQD VR 57
 N53920 HELICOPTER COMBAT SQD HC 11
 N53983 FLT AVIATION LOGISTICS SUPPT CENTER
 N57025 COMMANDER NAVAL AIR FORCE PAC FLT
 N57094 PACIFIC FLEET AUDIO VISUAL COMMAND
 N66065 JIC NAVAL AIR MAINT TRAINING GROUP DET
 N63013 NUCLEAR WEAPONS TRAINING GROUP
 N63037 NAVAL OCEANOGRAPHY COMMAND FACILITY
 N65833 NAVAL AIR REPAIR FACILITY
 N68046 NAVY REGIONAL DATA AUTOMATION CENTER
 N99960 NORTH ISLAND SERVMART

CORONA

N39037 SURFACE WARFARE OFFICERS SCHOOL
 N42039 NAVAL UNDERSEA WARFARE ENGINEERING STATION DET
 N53212 BRACMASTER UNIT 1
 N53257 ASSAULT CRAFT UNIT ONE
 N53824 COMMANDER NAVAL SURFACE FORCES PACIFIC
 N55104 AMPHIBIOUS CONSTRUCTION BATTALION 1
 N55446 SPECIAL BOAT SQUADRON 1
 N55721 FLEET COMPOSITE OPERATIONAL READINESS GROUP 1
 N57036 NAVAL BEACH AMPHIBIOUS REFRESHER TRAINING GROUP
 N62021 COMMANDING OFFICER AMPHIBIOUS BASE CORONA
 N63018 COMMANDING OFFICER AMPHIBIOUS SCHOOL
 N67271 LANDING FORCE TRAINING COMMAND PACIFIC

ZONE 9 OTHERS

N33039 GENERAL SERVICE AGENCY
 N38155 KAM ENTERPRISE
 N38161 ATKINSON MARINE CORP
 N38170 BAY AREA CONTROLS INC
 N38176 PRECISION WELDING & STRESS
 N38178 A & D INDUSTRIES INC
 N57100 SPECIAL WARFARE GROUP 1
 N60681 NAVY COMMISSARY STORE REGION SAN DIEGO
 N60105 NAVY RESALE AND SERVICES SUPPORT CENTER
 N94771 NORDEN SYSTEMS
 N96833 ARCHER CORPORATION
 N96894 SOUTHWEST MARINE INC

BROADWAY COMPLEX ZONE 9

N00244 NAVAL SUPPLY CENTER SAN DIEGO
 N43435 MILITARY SEALIFT COMMAND
 N60557 FLEET ACCOUNTING AND DISBURSING CENTER PACIFIC
 N63896 NAVAL SECURITY GROUP DET NAVC04MSTA SAN DIEGO
 N58625 PERSONNEL SUPPORT ACTIVITY

CAMP PENDLETON

440100 GENERAL ACCOUNT
 420978 MARINE CORPS FAST SYSTEMS SPT ACT
 409079 MARINE LIGHT HELICOPTER SPT ACT
 409202 MARINE ATTACK HELICOPTER SPT ACT
 409331 MARINE ATTACK HELICOPTER SPT ACT
 409803 MARINE AIR CRAFT SPT ACT
 409034 NAVAL MEDICAL CENTER CAMP PENDLETON
 411001 HEADQUARTERS BATTALION
 411130 THIRD AN FIFTH MARINES
 411130 SECOND AN FIFTH MARINES
 411230 3RD BATTALION 7TH MARINES
 421410 FIRST TANK BATTALION
 421626 3RD ANGELIC
 421420 3D AMPHIBIAN TRACION BATTALION
 428301 HEADQUARTERS AND SERVICE AN
 428310 1ST SUPPLY BATTALION
 428321 428321 1ST MAINTENANCE BATTALION
 428331 CONSOLIDATED ISSUE POINT NO 1
 428340 CONSOLIDATED ISSUE POINT NO 2
 428340 FIRST AERIAL BATTALION
 434000 PROPERTY CONTROL OFFICER
 453250 MARINE BARACKS
 467271 LANDING FORCE TRAINING CAMP
 493403 SHIPS DETACHMENT SUPPLY OFFICER
 493973 MARINE CORPS RECRUITING STATION
 497111 MEDICAL SUPPLY OFFICER

NAVAL STATION LONG BEACH

1017111 US 101TH BOMB SQ AWA 1
 1017770 US 301ST BOMB SQ LPA 248 RF
 1019335 US 201ST BOMB SQ AWA 2
 1033335 US 45TH BOMB SQ AWA 245 RF
 1044223 US 34TH BOMB SQ AWA 12
 1046681 US 411TH BOMB SQ AWA 12
 1047775 US 34TH BOMB SQ AWA 12
 1048773 US 401ST BOMB SQ AWA 12
 1048830 US 301ST BOMB SQ AWA 14
 1048842 US 34TH BOMB SQ AWA 12
 1048844 US 301ST BOMB SQ AWA 12
 1071105 US 401ST BOMB SQ AWA 12
 1071113 US 401ST BOMB SQ AWA 12
 1071177 US 401ST BOMB SQ AWA 12
 1079557 US 401ST BOMB SQ AWA 12
 1091130 US 401ST BOMB SQ AWA 12
 1144001 US 401ST BOMB SQ AWA 12
 1200225 US 401ST BOMB SQ AWA 12
 1200575 US 401ST BOMB SQ AWA 12
 1200633 US 401ST BOMB SQ AWA 12
 1200743 US 401ST BOMB SQ AWA 12
 1200833 US 401ST BOMB SQ AWA 12
 1200967 US 401ST BOMB SQ AWA 12
 1200972 US 401ST BOMB SQ AWA 12
 1200975 US 401ST BOMB SQ AWA 12
 1200976 US 401ST BOMB SQ AWA 12
 1200978 US 401ST BOMB SQ AWA 12
 1210333 US 401ST BOMB SQ AWA 12
 1210334 US 401ST BOMB SQ AWA 12
 152673 US 401ST BOMB SQ AWA 12
 152102 US 401ST BOMB SQ AWA 12
 152704 US 401ST BOMB SQ AWA 12
 152706 US 401ST BOMB SQ AWA 12
 1540335 US 401ST BOMB SQ AWA 12
 1540338 US 401ST BOMB SQ AWA 12
 160253 LONG BEACH NAVAL SHIPYARD
 160701 NAVAL REPAIRS STATION SEAL BEACH
 162247 NAVAL REGIONAL DENTAL CLINIC LONG BEACH
 165870 SHIPSHIP LONG BEACH
 166230 NAVY EXCHANGE LONG BEACH
 168030 NAVAL REGIONAL MEDICAL CENTER LONG BEACH
 168276 NAVAL SUPPLY CENTER DETACHMENT LONG BEACH
 168311 NAVAL SUPPORT ACTIVITY LOS ANGELES LONG BEACH
 168508 CONSOLIDATED CIVILIAN PERSONNEL
 185460 NAVAL RESERVE MOBILE INSPORT
 196771 SUPERIOR ENGINEERING CO LOS ANGELES

APPENDIX H

LOCAL CUSTOMER REQUISITION FREQUENCIES PER NUMBER OF ITEMS

THE FOLLOWING TABLE SHOWS THE NUMBER OF NSNs REQUISITIONED AND THE NUMBER OF HITS PER NSN FOR N.S.C. SAN CIELO DURING THE PERIOD 21 NOVEMBER 1975 THRU 30 SEPTEMBER 1980

**** THIS LISTING FOR LOCAL CUSTOMER REQUISITIONS ONLY ****

COLUMN HEADINGS MEAN THE FOLLOWING:
COLUMN 1 IS THE NUMBER OF HITS (REQUISITIONS) CA + ASN
COLUMN 2 IS THE NUMBER OF NSNs WITH THESE HITS
COLUMN 3 IS THE CUMULATIVE NUMBER OF NSNs (TOTAL OF CCL 2)
COLUMN 4 IS THE CUMULATIVE NUMBER OF ASN (CCL 3 + CCL 4)
COLUMN 5 IS THE CUMULATIVE NUMBER OF REQS
COLUMN 6 IS THE CUMULATIVE NUMBER OF REC
COLUMN 7 IS THE CUMULATIVE OF CCL 6

(1) NR HITS	(2) NR ASN	(3) CUM NSN	(4) CUM ASN	(5) NR REQS	(6) CUM REC	(7) CUM BLS
2701	1	1	0.00041	2731.	3	0.20069
1102	1	2	0.00082	2731.	3	0.20069
1030	1	3	0.00123	2731.	3	0.20069
980	1	4	0.00164	2731.	3	0.20069
445	1	5	0.00205	2731.	3	0.20069
878	1	6	0.00246	2731.	3	0.20069
831	1	7	0.00287	2731.	3	0.20069
820	1	8	0.00328	2731.	3	0.20069
804	1	9	0.00369	2731.	3	0.20069
772	1	10	0.00410	2731.	3	0.20069
759	1	11	0.00451	2731.	3	0.20069
725	1	12	0.00492	2731.	3	0.20069
711	1	13	0.00533	2731.	3	0.20069
690	1	14	0.00574	2731.	3	0.20069
678	1	15	0.00615	2731.	3	0.20069
677	1	16	0.00656	2731.	3	0.20069
676	1	17	0.00697	2731.	3	0.20069
673	1	18	0.00738	2731.	3	0.20069
672	1	19	0.00779	2731.	3	0.20069
650	1	20	0.00820	2731.	3	0.20069
635	1	21	0.00861	2731.	3	0.20069
634	1	22	0.00902	2731.	3	0.20069
605	1	23	0.00943	2731.	3	0.20069
601	1	24	0.00984	2731.	3	0.20069
598	1	25	0.01025	2731.	3	0.20069
597	1	26	0.01066	2731.	3	0.20069
575	1	27	0.01107	2731.	3	0.20069
549	1	28	0.01148	2731.	3	0.20069
542	1	29	0.01189	2731.	3	0.20069
540	1	30	0.01230	2731.	3	0.20069
539	1	31	0.01271	2731.	3	0.20069
536	1	32	0.01312	2731.	3	0.20069
531	1	33	0.01353	2731.	3	0.20069
526	1	34	0.01394	2731.	3	0.20069
511	1	35	0.01435	2731.	3	0.20069
501	1	36	0.01476	2731.	3	0.20069
497	1	37	0.01517	2731.	3	0.20069
494	1	38	0.01558	2731.	3	0.20069
490	1	39	0.01599	2731.	3	0.20069
489	1	40	0.01640	2731.	3	0.20069
485	1	41	0.01681	2731.	3	0.20069
474	1	42	0.01722	2731.	3	0.20069
473	1	43	0.01763	2731.	3	0.20069
464	1	44	0.01804	2731.	3	0.20069
462	1	45	0.01845	2731.	3	0.20069
460	1	46	0.01886	2731.	3	0.20069
450	1	47	0.01927	2731.	3	0.20069
442	1	48	0.01968	2731.	3	0.20069
438	1	49	0.02009	2731.	3	0.20069
433	1	50	0.02050	2731.	3	0.20069
431	1	51	0.02091	2731.	3	0.20069
430	1	52	0.02132	2731.	3	0.20069
428	1	53	0.02173	2731.	3	0.20069
426	1	54	0.02214	2731.	3	0.20069
425	1	55	0.02255	2731.	3	0.20069
423	1	56	0.02296	2731.	3	0.20069
422	1	57	0.02337	2731.	3	0.20069
421	1	58	0.02378	2731.	3	0.20069
420	1	59	0.02419	2731.	3	0.20069
419	1	60	0.02460	2731.	3	0.20069
418	1	61	0.02501	2731.	3	0.20069
417	1	62	0.02542	2731.	3	0.20069
416	1	63	0.02583	2731.	3	0.20069
415	1	64	0.02624	2731.	3	0.20069
414	1	65	0.02665	2731.	3	0.20069
413	1	66	0.02706	2731.	3	0.20069
412	1	67	0.02747	2731.	3	0.20069
411	1	68	0.02788	2731.	3	0.20069
410	1	69	0.02829	2731.	3	0.20069
409	1	70	0.02870	2731.	3	0.20069
408	1	71	0.02911	2731.	3	0.20069
407	1	72	0.02952	2731.	3	0.20069
406	1	73	0.02993	2731.	3	0.20069
405	1	74	0.03034	2731.	3	0.20069
404	1	75	0.03075	2731.	3	0.20069
403	1	76	0.03116	2731.	3	0.20069
402	1	77	0.03157	2731.	3	0.20069
401	1	78	0.03198	2731.	3	0.20069
400	1	79	0.03239	2731.	3	0.20069
399	1	80	0.03280	2731.	3	0.20069
398	1	81	0.03321	2731.	3	0.20069
397	1	82	0.03362	2731.	3	0.20069
396	1	83	0.03403	2731.	3	0.20069
395	1	84	0.03444	2731.	3	0.20069
394	1	85	0.03485	2731.	3	0.20069
393	1	86	0.03526	2731.	3	0.20069
392	1	87	0.03567	2731.	3	0.20069
391	1	88	0.03608	2731.	3	0.20069
390	1	89	0.03649	2731.	3	0.20069
389	1	90	0.03690	2731.	3	0.20069
388	1	91	0.03731	2731.	3	0.20069
387	1	92	0.03772	2731.	3	0.20069
386	1	93	0.03813	2731.	3	0.20069
385	1	94	0.03854	2731.	3	0.20069
384	1	95	0.03895	2731.	3	0.20069
383	1	96	0.03936	2731.	3	0.20069
382	1	97	0.03977	2731.	3	0.20069
381	1	98	0.04018	2731.	3	0.20069
380	1	99	0.04059	2731.	3	0.20069
379	1	100	0.04100	2731.	3	0.20069

244		244	0.48371	244	0.10200	0.30200
245		245	0.48470	245	0.10100	0.35814
246		246	0.48552	246	0.09944	0.35485
247		247				
248		248	0.48633	248	0.09850	0.43141
249		249	0.48714	249	0.09751	0.42450
250		250	0.48795	250	0.09648	0.41759
251		251	0.48876	251	0.09541	0.41068
252		252	0.48957	252	0.09431	0.40377
253		253	0.49038	253	0.09318	0.39686
254		254	0.49119	254	0.09203	0.38995
255		255	0.49200	255	0.09086	0.38304
256		256	0.49281	256	0.08967	0.37613
257		257	0.49362	257	0.08846	0.36922
258		258	0.49443	258	0.08723	0.36231
259		259	0.49524	259	0.08600	0.35540
260		260	0.49605	260	0.08475	0.34849
261		261	0.49686	261	0.08349	0.34158
262		262	0.49767	262	0.08222	0.33467
263		263	0.49848	263	0.08094	0.32776
264		264	0.49929	264	0.07965	0.32085
265		265	0.50010	265	0.07835	0.31394
266		266	0.50091	266	0.07704	0.30703
267		267	0.50172	267	0.07572	0.30012
268		268	0.50253	268	0.07439	0.29321
269		269	0.50334	269	0.07305	0.28630
270		270	0.50415	270	0.07171	0.27939
271		271	0.50496	271	0.07036	0.27248
272		272	0.50577	272	0.06900	0.26557
273		273	0.50658	273	0.06764	0.25866
274		274	0.50739	274	0.06627	0.25175
275		275	0.50820	275	0.06490	0.24484
276		276	0.50901	276	0.06352	0.23793
277		277	0.50982	277	0.06214	0.23102
278		278	0.51063	278	0.06075	0.22411
279		279	0.51144	279	0.05936	0.21720
280		280	0.51225	280	0.05796	0.21029
281		281	0.51306	281	0.05656	0.20338
282		282	0.51387	282	0.05515	0.19647
283		283	0.51468	283	0.05374	0.18956
284		284	0.51549	284	0.05232	0.18265
285		285	0.51630	285	0.05090	0.17574
286		286	0.51711	286	0.04948	0.16883
287		287	0.51792	287	0.04806	0.16192
288		288	0.51873	288	0.04663	0.15501
289		289	0.51954	289	0.04520	0.14810
290		290	0.52035	290	0.04377	0.14119
291		291	0.52116	291	0.04234	0.13428
292		292	0.52197	292	0.04091	0.12737
293		293	0.52278	293	0.03947	0.12046
294		294	0.52359	294	0.03804	0.11355
295		295	0.52440	295	0.03660	0.10664
296		296	0.52521	296	0.03516	0.09973
297		297	0.52602	297	0.03372	0.09282
298		298	0.52683	298	0.03228	0.08591
299		299	0.52764	299	0.03083	0.07900
300		300	0.52845	300	0.02938	0.07209
301		301	0.52926	301	0.02793	0.06518
302		302	0.53007	302	0.02648	0.05827
303		303	0.53088	303	0.02503	0.05136
304		304	0.53169	304	0.02357	0.04445
305		305	0.53250	305	0.02212	0.03754
306		306	0.53331	306	0.02066	0.03063
307		307	0.53412	307	0.01920	0.02372
308		308	0.53493	308	0.01774	0.01681
309		309	0.53574	309	0.01628	0.00990
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311		311	0.53736	311	0.01336	0.00000
312		312	0.53817	312	0.01190	
313		313	0.53898	313	0.01044	
314		314	0.53979	314	0.00898	
315		315	0.54060	315	0.00752	
316		316	0.54141	316	0.00606	
317		317	0.54222	317	0.00460	
318		318	0.54303	318	0.00314	
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320		320	0.54465	320	0.00022	
321		321	0.54546	321	0.00000	
322		322	0.54627	322		
323		323	0.54708	323		
324		324	0.54789	324		
325		325	0.54870	325		
326		326	0.54951	326		
327		327	0.55032	327		
328		328	0.55113	328		
329		329	0.55194	329		
330		330	0.55275	330		
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332		332	0.55437	332		
333		333	0.55518	333		
334		334	0.55599	334		
335		335	0.55680	335		
336		336	0.55761	336		
337		337	0.55842	337		
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339		339	0.56004	339		
340		340	0.56085	340		
341		341	0.56166	341		
342		342	0.56247	342		
343		343	0.56328	343		
344		344	0.56409	344		
345		345	0.56490	345		
346		346	0.56571	346		
347		347	0.56652	347		
348		348	0.56733	348		
349		349	0.56814	349		
350		350	0.56895	350		
351		351	0.56976	351		
352		352	0.57057	352		
353		353	0.57138	353		
354		354	0.57219	354		
355		355	0.57300	355		
356		356	0.57381	356		
357		357	0.57462	357		
358		358	0.57543	358		
359		359	0.57624	359		
360		360	0.57705	360		
361		361	0.57786	361		
362		362	0.57867	362		
363		363	0.57948	363		
364		364	0.58029	364		
365		365	0.58110	365		
366		366	0.58191	366		
367		367	0.58272	367		
368		368	0.58353	368		
369		369	0.58434	369		
370		370	0.58515	370		
371		371	0.58596	371		
372		372	0.58677	372		
373		373	0.58758	373		
374		374	0.58839	374		
375		375	0.58920	375		
376		376	0.59001	376		
377		377	0.59082	377		
378		378	0.59163	378		
379		379	0.59244	379		
380		380	0.59325	380		
381		381	0.59406	381		
382		382	0.59487	382		
383		383	0.59568	383		
384		384	0.59649	384		
385		385	0.59730	385		
386		386	0.59811	386		
387		387	0.59892	387		
388		388	0.59973	388		
389		389	0.60054	389		
390		390	0.60135	390		
391		391	0.60216	391		
392		392	0.60297	392		
393		393	0.60378	393		
394		394	0.60459	394		
395		395	0.60540	395		
396		396	0.60621	396		
397		397	0.60702	397		
398		398	0.60783	398		
399		399	0.60864	399		
400		400	0.60945	400		

88	38	1931	C.81592	481112	C.14414	4V.73627
87	38	2319	C.83320	481112	C.14414	21.12157
86	48	2073	C.84820	481112	C.21578	21.33734
85	48	2121	C.86784	481112	C.23183	21.56917
84	48	2165	C.88585	481112	C.24424	21.77840
83	57	2222	C.90517	481112	C.26002	22.04523
82	60	2282	C.93372	481112	C.27641	22.32164
81	68	2353	C.96154	481112	C.29281	22.62583
80	72	2412	C.98691	481112	C.30920	22.94023
79	79	2471	C.101226	481112	C.32559	23.26463
78	88	2531	C.104109	481112	C.34198	23.59903
77	88	2591	C.107052	481112	C.35837	23.93343
76	89	2651	C.110000	481112	C.37476	24.26783
75	92	2710	C.113000	481112	C.39115	24.60223
74	92	2770	C.116000	481112	C.40754	24.93663
73	92	2830	C.119000	481112	C.42393	25.27103
72	92	2890	C.122000	481112	C.44032	25.60543
71	92	2950	C.125000	481112	C.45671	25.93983
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69	116	3070	C.131000	481112	C.48949	26.60863
68	120	3130	C.134000	481112	C.50588	26.94303
67	133	3190	C.137000	481112	C.52227	27.27743
66	124	3250	C.140000	481112	C.53866	27.61183
65	116	3310	C.143000	481112	C.55505	27.94623
64	127	3370	C.146000	481112	C.57144	28.28063
63	137	3430	C.149000	481112	C.58783	28.61503
62	145	3490	C.152000	481112	C.60422	28.94943
61	155	3550	C.155000	481112	C.62061	29.28383
60	161	3610	C.158000	481112	C.63700	29.61823
59	161	3670	C.161000	481112	C.65339	29.95263
58	168	3730	C.164000	481112	C.66978	30.28703
57	168	3790	C.167000	481112	C.68617	30.62143
56	173	3850	C.170000	481112	C.70256	30.95583
55	173	3910	C.173000	481112	C.71895	31.29023
54	173	3970	C.176000	481112	C.73534	31.62463
53	173	4030	C.179000	481112	C.75173	31.95903
52	173	4090	C.182000	481112	C.76812	32.29343
51	173	4150	C.185000	481112	C.78451	32.62783
50	173	4210	C.188000	481112	C.80090	32.96223
49	173	4270	C.191000	481112	C.81729	33.29663
48	173	4330	C.194000	481112	C.83368	33.63103
47	173	4390	C.197000	481112	C.85007	33.96543
46	173	4450	C.200000	481112	C.86646	34.29983
45	173	4510	C.203000	481112	C.88285	34.63423
44	173	4570	C.206000	481112	C.89924	34.96863
43	173	4630	C.209000	481112	C.91563	35.30303
42	173	4690	C.212000	481112	C.93202	35.63743
41	173	4750	C.215000	481112	C.94841	35.97183
40	173	4810	C.218000	481112	C.96480	36.30623
39	173	4870	C.221000	481112	C.98119	36.64063
38	173	4930	C.224000	481112	C.99758	36.97503
37	173	4990	C.227000	481112	C.101397	37.30943
36	173	5050	C.230000	481112	C.103036	37.64383
35	173	5110	C.233000	481112	C.104675	37.97823
34	173	5170	C.236000	481112	C.106314	38.31263
33	173	5230	C.239000	481112	C.107953	38.64703
32	173	5290	C.242000	481112	C.109592	38.98143
31	173	5350	C.245000	481112	C.111231	39.31583
30	173	5410	C.248000	481112	C.112870	39.65023
29	173	5470	C.251000	481112	C.114509	39.98463
28	173	5530	C.254000	481112	C.116148	40.31903
27	173	5590	C.257000	481112	C.117787	40.65343
26	173	5650	C.260000	481112	C.119426	40.98783
25	173	5710	C.263000	481112	C.121065	41.32223
24	173	5770	C.266000	481112	C.122704	41.65663
23	173	5830	C.269000	481112	C.124343	41.99103
22	173	5890	C.272000	481112	C.125982	42.32543
21	173	5950	C.275000	481112	C.127621	42.65983
20	173	6010	C.278000	481112	C.129260	42.99423
19	173	6070	C.281000	481112	C.130899	43.32863
18	173	6130	C.284000	481112	C.132538	43.66303
17	173	6190	C.287000	481112	C.134177	43.99743
16	173	6250	C.290000	481112	C.135816	44.33183
15	173	6310	C.293000	481112	C.137455	44.66623
14	173	6370	C.296000	481112	C.139094	44.99063
13	173	6430	C.299000	481112	C.140733	45.32503
12	173	6490	C.302000	481112	C.142372	45.65943
11	173	6550	C.305000	481112	C.144011	45.99383
10	173	6610	C.308000	481112	C.145650	46.32823
9	173	6670	C.311000	481112	C.147289	46.66263
8	173	6730	C.314000	481112	C.148928	46.99703
7	173	6790	C.317000	481112	C.150567	47.33143
6	173	6850	C.320000	481112	C.152206	47.66583
5	173	6910	C.323000	481112	C.153845	47.99023
4	173	6970	C.326000	481112	C.155484	48.32463
3	173	7030	C.329000	481112	C.157123	48.65903
2	173	7090	C.332000	481112	C.158762	48.99343
1	173	7150	C.335000	481112	C.160401	49.32783

APPENDIX I

LOCAL CUSTOMER QUANTITIES AND REQUISITIONS

THE FOLLOWING TABLE SHOWS UNIT QUANTITIES REQUISITIONED AND THE FREQUENCY OF OCCURRENCE OF THAT QUANTITY FOR N.S.C. SAN DIEGO DURING THE PERIOD 21 NOVEMBER 1979 THRU 30 SEPTEMBER 1980

**** FOR LOCAL CUSTOMER REQUISITIONS ONLY ****

COLUMN HEADINGS MEAN THE FOLLOWING:
 COLUMN 1 IS THE QUANTITY DEMANDED ON A REQUISITION (CONSIDERING ALL UNITS OF ISSUE AS EQUALS)
 COLUMN 2 IS THE NUMBER OF REQUISITIONS THAT DEMANDED THIS QUANTITY
 COLUMN 3 IS A CUMULATIVE SUMMARY OF THE NUMBER OF REQUISITIONS RECEIVED
 COLUMN 4 SHOWS COLUMN 2 AS A PERCENT OF THE TOTAL NUMBER OF REQUISITIONS RECEIVED
 COLUMN 5 SHOWS THE NET QUANTITY FOR THIS REQUISITION GROUP
 COLUMN 6 SHOWS COLUMN 5 AS A PERCENTAGE OF THE TOTAL QUANTITIES DEMANDED
 COLUMN 7 IS A CUMULATIVE SUMMARY OF COLUMN 6

(1) REQN QNTY	(2) # REQS WITH THIS QNTY	(3) CUM REQS (SUM COL2)	(4) COL2 AS % OF TOT REQS	(5) NET QTY COL1 COL3	(6) COL5 AS % OF TOT QTY	(7) CUM % OF TOT QTY
5000	1171	1171	0.08702	585500	8.27644	8.27644
4990	1	1172	0.06709	533533	0.00705	8.28349
4985	1	1173	0.08717	584597	0.00705	8.29054
4983	1	1174	0.08724	585333	0.00704	8.29758
4979	1	1175	0.08732	587433	0.00704	8.30462
4972	2	1177	0.08746	587466	0.01462	8.31924
4970	2	1179	0.08761	589466	0.01462	8.33386
4950	3	1182	0.08734	555567	0.00655	8.34041
4928	1	1183	0.08791	591454	0.00657	8.34698
4925	1	1186	0.08813	592537	0.00659	8.35357
4919	1	1187	0.08821	592444	0.00659	8.36016
4916	1	1189	0.08836	594444	0.01390	8.37406
4914	1	1190	0.08843	594533	0.00659	8.38065
4900	14	1204	0.08947	601744	0.00657	8.38722
4896	4	1208	0.08977	617444	0.00657	8.39379
4883	1	1209	0.08984	617444	0.00657	8.40036
4876	1	1210	0.08992	617444	0.00657	8.40693
4872	1	1211	0.08999	617444	0.00657	8.41350
4864	1	1212	0.09007	617444	0.00657	8.42007
4854	1	1213	0.09014	617444	0.00657	8.42664
4850	4	1217	0.09044	617444	0.00657	8.43321
4848	3	1220	0.09066	617444	0.00657	8.43978
4840	2	1222	0.09081	617444	0.00657	8.44635
4823	2	1223	0.09088	617444	0.00657	8.45292
4809	1	1224	0.09096	617444	0.00657	8.45949
4808	1	1225	0.09111	617444	0.00657	8.46606
4804	1	1226	0.09118	617444	0.00657	8.47263
4800	54	1232	0.09125	617444	0.00657	8.47920
4792	2	1233	0.09127	617444	0.00657	8.48577
4783	2	1234	0.09142	617444	0.00657	8.49234
4782	1	1235	0.09149	617444	0.00657	8.49891
4776	2	1239	0.09156	617444	0.00657	8.50548
4762	2	1241	0.09171	617444	0.00657	8.51205
4752	2	1243	0.09179	617444	0.00657	8.51862
4751	1	1244	0.09186	617444	0.00657	8.52519
4750	2	1246	0.09201	617444	0.00657	8.53176
4736	2	1248	0.09216	617444	0.00657	8.53833
4733	2	1250	0.09231	617444	0.00657	8.54490
4734	1	1251	0.09238	617444	0.00657	8.55147
4728	1	1252	0.09245	617444	0.00657	8.55804
4723	1	1254	0.09260	617444	0.00657	8.56461
4716	2	1256	0.09275	617444	0.00657	8.57118
4711	2	1258	0.09290	617444	0.00657	8.57775
4701	2	1260	0.09305	617444	0.00657	8.58432
4700	18	1261	0.09312	617444	0.00657	8.59089
4687	1	1262	0.09319	617444	0.00657	8.59746
4680	1	1263	0.09326	617444	0.00657	8.60403
4675	1	1264	0.09333	617444	0.00657	8.61060
4673	1	1265	0.09340	617444	0.00657	8.61717
4656	1	1266	0.09347	617444	0.00657	8.62374
4655	1	1267	0.09354	617444	0.00657	8.63031
4650	1	1268	0.09361	617444	0.00657	8.63688
4641	1	1269	0.09368	617444	0.00657	8.64345
4636	1	1270	0.09375	617444	0.00657	8.65002
4626	1	1271	0.09382	617444	0.00657	8.65659
4621	1	1272	0.09389	617444	0.00657	8.66316
4618	1	1273	0.09396	617444	0.00657	8.66973
4605	1	1274	0.09403	617444	0.00657	8.67630
4595	1	1275	0.09410	617444	0.00657	8.68287
4585	1	1276	0.09417	617444	0.00657	8.68944
4581	1	1277	0.09424	617444	0.00657	8.69601

4280	1	1323	C.101104	6714119	C.101104	727723
4281		1361	C.101114	6714119	C.101114	727723
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4048	1	1608	0.11439	784831.	0.00037	11.03789
4050	2	1611	0.11472	784833.	0.00037	11.03809
4049		1613	0.11486	784835.	0.00037	11.03991
4040	17	1630	0.12113	791111.	0.00070	11.19999
4032		1631	0.12120	791111.	0.00070	11.20269
4026		1632	0.12129	791111.	0.00070	11.20838
4025		1633	0.12135	791111.	0.00070	11.21407
4023		1634	0.12142	791111.	0.00070	11.21976
4038		1635	0.12150	791111.	0.00070	11.22544
4018		1636	0.12157	791111.	0.00070	11.23111
4012		1637	0.12165	791111.	0.00070	11.23679
4009		1638	0.12172	791111.	0.00070	11.24245
4007		1639	0.12180	791111.	0.00070	11.24812
4000	173	1640	0.12187	791111.	0.00070	11.25379
3997		1641	0.12195	791111.	0.00070	11.25945
3996		1642	0.12202	791111.	0.00070	11.26512
3995		1643	0.12210	791111.	0.00070	11.27079
3990		1644	0.12217	791111.	0.00070	11.27645
3988		1645	0.12225	791111.	0.00070	11.28212
3982		1646	0.12232	791111.	0.00070	11.28779
3980		1647	0.12240	791111.	0.00070	11.29345
3974		1648	0.12247	791111.	0.00070	11.29912
3973		1649	0.12255	791111.	0.00070	11.30479
3967		1650	0.12262	791111.	0.00070	11.31045
3962		1651	0.12270	791111.	0.00070	11.31612
3960		1652	0.12277	791111.	0.00070	11.32179
3954		1653	0.12285	791111.	0.00070	11.32745
3950		1654	0.12292	791111.	0.00070	11.33312
3946		1655	0.12300	791111.	0.00070	11.33879
3940	2	1656	0.12307	791111.	0.00070	11.34445
3925		1657	0.12315	791111.	0.00070	11.35012
3924		1658	0.12322	791111.	0.00070	11.35579
3916		1659	0.12330	791111.	0.00070	11.36145
3910		1660	0.12337	791111.	0.00070	11.36712
3907		1661	0.12345	791111.	0.00070	11.37279
3900	15	1662	0.12352	791111.	0.00070	11.37845
3895		1663	0.12360	791111.	0.00070	11.38412
3893		1664	0.12367	791111.	0.00070	11.38979
3890		1665	0.12375	791111.	0.00070	11.39545
3888		1666	0.12382	791111.	0.00070	11.40112
3877		1667	0.12390	791111.	0.00070	11.40679
3876		1668	0.12397	791111.	0.00070	11.41245
3864		1669	0.12405	791111.	0.00070	11.41812
3863		1670	0.12412	791111.	0.00070	11.42379
3851		1671	0.12420	791111.	0.00070	11.42945
3842		1672	0.12427	791111.	0.00070	11.43512
3850		1673	0.12435	791111.	0.00070	11.44079
3840		1674	0.12442	791111.	0.00070	11.44645
3837		1675	0.12450	791111.	0.00070	11.45212
3828		1676	0.12457	791111.	0.00070	11.45779
3823		1677	0.12465	791111.	0.00070	11.46345
3819		1678	0.12472	791111.	0.00070	11.46912
3813		1679	0.12480	791111.	0.00070	11.47479
3807		1680	0.12487	791111.	0.00070	11.48045
3805		1681	0.12495	791111.	0.00070	11.48612
3800	17	1682	0.12502	791111.	0.00070	11.49179
3796		1683	0.12510	791111.	0.00070	11.49745
3781		1684	0.12517	791111.	0.00070	11.50312
3777		1685	0.12525	791111.	0.00070	11.50879
3775		1686	0.12532	791111.	0.00070	11.51445
3774		1687	0.12540	791111.	0.00070	11.52012
3773		1688	0.12547	791111.	0.00070	11.52579
3772		1689	0.12555	791111.	0.00070	11.53145
3770		1690	0.12562	791111.	0.00070	11.53712
3769		1691	0.12570	791111.	0.00070	11.54279
3763		1692	0.12577	791111.	0.00070	11.54845
3756		1693	0.12585	791111.	0.00070	11.55412
3754		1694	0.12592	791111.	0.00070	11.55979
3750		1695	0.12600	791111.	0.00070	11.56545
3744		1696	0.12607	791111.	0.00070	11.57112
3743		1697	0.12615	791111.	0.00070	11.57679
3738		1698	0.12622	791111.	0.00070	11.58245
3736		1699	0.12630	791111.	0.00070	11.58812
3735		1700	0.12637	791111.	0.00070	11.59379
3733		1701	0.12645	791111.	0.00070	11.59945
3720		1702	0.12652	791111.	0.00070	11.60512
3717		1703	0.12660	791111.	0.00070	11.61079
3716		1704	0.12667	791111.	0.00070	11.61645
3710		1705	0.12675	791111.	0.00070	11.62212
3707		1706	0.12682	791111.	0.00070	11.62779
3706		1707	0.12690	791111.	0.00070	11.63345
3700	1	1708	0.12697	791111.	0.00070	11.63912
3656		1709	0.12705	791111.	0.00070	11.64479
3659		1710	0.12712	791111.	0.00070	11.65045
3680		1711	0.12720	791111.	0.00070	11.65612
3678		1712	0.12727	791111.	0.00070	11.66179
3676		1713	0.12735	791111.	0.00070	11.66745

3674	1	2064	0.14844	9344444.	0.00314	13.26412
3675	1	2065	0.14896	9347111.	0.00319	13.26912
3667	1	2066	0.14907	9340777.	0.00318	13.27450
3662	2	2007	0.14514	5354442.	0.00318	13.27968
3662	2	2007	0.14529	9431169.	0.00325	13.29003
3662	2	2007	0.14559	9431169.	0.00325	13.29003
3648	1	2011	0.14966	9440014.	0.00316	13.31581
3647	1	2015	0.14974	9443661.	0.00316	13.32098
3646	1	2016	0.14981	9427317.	0.00315	13.32614
3640	1	2017	0.14984	9430147.	0.00315	13.33124
3630	1	2018	0.14996	9445577.	0.00313	13.33642
3615	1	2019	0.15003	9446113.	0.00311	13.34153
3613	1	2020	0.15011	9441833.	0.00309	13.34663
3611	1	2021	0.15018	9445411.	0.00310	13.35174
3605	1	2022	0.15026	9445021.	0.00316	13.35683
3600	90	2112	0.15695	9773011.	0.45800	13.41483
3588	1	2113	0.15702	9770667.	0.00307	13.41990
3582	1	2114	0.15709	9770111.	0.00306	13.42496
3580	1	2115	0.15717	9773171.	0.00306	13.43002
3576	1	2116	0.15724	9773171.	0.00306	13.43508
3575	1	2117	0.15732	9773171.	0.00306	13.44014
3567	1	2118	0.15747	9773171.	0.00306	13.44520
3565	1	2120	0.15754	9801641.	0.00304	13.45029
3564	1	2121	0.15761	9805233.	0.00304	13.45539
3563	3	2122	0.15776	9805233.	0.00304	13.46043
3563	3	2123	0.15799	9805233.	0.00304	13.46547
3563	3	2124	0.15809	9805233.	0.00304	13.47051
3550	3	2134	0.15858	9805233.	0.00304	13.47555
3546	4	2137	0.15880	9805233.	0.00304	13.48059
3545	4	2141	0.15910	9805233.	0.00304	13.48563
3544	1	2142	0.15917	9805233.	0.00304	13.49067
3544	1	2143	0.15925	9805233.	0.00304	13.49571
3535	2	2145	0.15940	9805233.	0.00304	13.50075
3532	1	2146	0.15947	9805233.	0.00304	13.50579
3528	1	2147	0.15955	9805233.	0.00304	13.51083
3526	1	2148	0.15962	9805233.	0.00304	13.51587
3526	1	2149	0.15969	9805233.	0.00304	13.52091
3513	1	2150	0.15977	9805233.	0.00304	13.52595
3507	44	2151	0.15984	9805233.	0.00304	13.53099
3500	1	2155	0.16011	1034583.	0.00304	13.53603
3496	1	2156	0.16018	1034583.	0.00304	13.54107
3492	1	2157	0.16026	1034583.	0.00304	13.54611
3490	1	2158	0.16034	1034583.	0.00304	13.55115
3489	1	2159	0.16041	1034583.	0.00304	13.55619
3482	1	2200	0.16143	1034583.	0.00304	13.56123
3480	2	2202	0.16361	1034583.	0.00304	13.56627
3475	2	2203	0.16371	1034583.	0.00304	13.57131
3470	1	2204	0.16378	1034583.	0.00304	13.57635
3468	1	2205	0.16386	1034583.	0.00304	13.58139
3465	1	2206	0.16393	1034583.	0.00304	13.58643
3461	2	2207	0.16408	1034583.	0.00304	13.59147
3460	2	2208	0.16415	1034583.	0.00304	13.59651
3456	1	2217	0.16482	1034583.	0.00304	13.60155
3453	1	2218	0.16497	1034583.	0.00304	13.60659
3450	2	2220	0.16504	1034583.	0.00304	13.61163
3448	2	2221	0.16512	1034583.	0.00304	13.61667
3441	1	2222	0.16519	1034583.	0.00304	13.62171
3440	1	2223	0.16527	1034583.	0.00304	13.62675
3430	2	2224	0.16542	1034583.	0.00304	13.63179
3425	2	2225	0.16549	1034583.	0.00304	13.63683
3420	2	2227	0.16557	1034583.	0.00304	13.64187
3411	1	2228	0.16564	1034583.	0.00304	13.64691
3408	32	2229	0.16572	1034583.	0.00304	13.65195
3400	1	2231	0.16580	1034583.	0.00304	13.65699
3399	1	2232	0.16589	1034583.	0.00304	13.66203
3394	1	2263	0.16617	1034583.	0.00304	13.66707
3393	1	2264	0.16624	1034583.	0.00304	13.67211
3390	1	2265	0.16631	1034583.	0.00304	13.67715
3384	1	2268	0.16634	1034583.	0.00304	13.68219
3382	3	2269	0.16641	1034583.	0.00304	13.68723
3380	1	2271	0.16648	1034583.	0.00304	13.69227
3378	1	2272	0.16653	1034583.	0.00304	13.69731
3375	1	2273	0.16659	1034583.	0.00304	13.70235
3370	1	2279	0.16735	1034583.	0.00304	13.70739
3366	1	2281	0.16750	1034583.	0.00304	13.71243
3360	1	2292	0.17032	1034583.	0.00304	13.71747
3358	1	2293	0.17040	1034583.	0.00304	13.72251
3350	2	2295	0.17054	1034583.	0.00304	13.72755
3349	1	2301	0.17049	1034583.	0.00304	13.73259
3334	1	2302	0.17106	1034583.	0.00304	13.73763
3333	1	2303	0.17114	1034583.	0.00304	13.74267
3323	1	2304	0.17121	1034583.	0.00304	13.74771
3320	1	2305	0.17129	1034583.	0.00304	13.75275
3315	1	2306	0.17136	1034583.	0.00304	13.75779
3313	1	2308	0.17151	1034583.	0.00304	13.76283
3311	1	2309	0.17158	1034583.	0.00304	13.76787

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2472	1	3529	0.26444	140140934	0.003634	19.84729
2473	1	3559	0.26447	14014124	0.003353	19.84333
2474	1	3560	0.26435	14014144	0.003349	19.84365
2475	1	3561	0.26462	14014154	0.003349	19.84403
2476	1	3562	0.26462	14014174	0.003349	19.84472
2477	1	3563	0.26464	14014184	0.003349	19.84504
2478	1	3564	0.26492	14014194	0.003349	19.84536
2479	1	3565	0.26517	14014204	0.003349	19.84592
2480	1	3566	0.26514	14014214	0.003349	19.84640
2481	1	3567	0.26522	14014224	0.003349	19.84678
2482	1	3568	0.26524	14014234	0.003349	19.84716
2483	1	3569	0.26536	14014244	0.003349	19.84749
2484	1	3570	0.26541	14014254	0.003349	19.84786
2485	1	3571	0.26546	14014264	0.003349	19.84824
2486	1	3572	0.26546	14014274	0.003349	19.84864
2487	1	3573	0.26541	14014284	0.003349	19.84923
2488	1	3574	0.26546	14014294	0.003349	19.84961
2489	1	3575	0.26546	14014304	0.003349	19.85004
2490	1	3576	0.26546	14014314	0.003349	19.85042
2491	1	3577	0.26546	14014324	0.003349	19.85084
2492	1	3578	0.26546	14014334	0.003349	19.85126
2493	1	3579	0.26546	14014344	0.003349	19.85168
2494	1	3580	0.26546	14014354	0.003349	19.85210
2495	1	3581	0.26546	14014364	0.003349	19.85252
2496	1	3582	0.26546	14014374	0.003349	19.85294
2497	1	3583	0.26546	14014384	0.003349	19.85336
2498	1	3584	0.26546	14014394	0.003349	19.85378
2499	1	3585	0.26546	14014404	0.003349	19.85420
2500	1	3586	0.26546	14014414	0.003349	19.85462
2501	1	3587	0.26546	14014424	0.003349	19.85504
2502	1	3588	0.26546	14014434	0.003349	19.85546
2503	1	3589	0.26546	14014444	0.003349	19.85588
2504	1	3590	0.26546	14014454	0.003349	19.85630
2505	1	3591	0.26546	14014464	0.003349	19.85672
2506	1	3592	0.26546	14014474	0.003349	19.85714
2507	1	3593	0.26546	14014484	0.003349	19.85756
2508	1	3594	0.26546	14014494	0.003349	19.85798
2509	1	3595	0.26546	14014504	0.003349	19.85840
2510	1	3596	0.26546	14014514	0.003349	19.85882
2511	1	3597	0.26546	14014524	0.003349	19.85924
2512	1	3598	0.26546	14014534	0.003349	19.85966
2513	1	3599	0.26546	14014544	0.003349	19.86008
2514	1	3600	0.26546	14014554	0.003349	19.86050
2515	1	3601	0.26546	14014564	0.003349	19.86092
2516	1	3602	0.26546	14014574	0.003349	19.86134
2517	1	3603	0.26546	14014584	0.003349	19.86176
2518	1	3604	0.26546	14014594	0.003349	19.86218
2519	1	3605	0.26546	14014604	0.003349	19.86260
2520	1	3606	0.26546	14014614	0.003349	19.86302
2521	1	3607	0.26546	14014624	0.003349	19.86344
2522	1	3608	0.26546			

2275	3444	0.24358	1494817.	0.00843	21.14258
2268	3445	0.24357	1494551.	0.01003	21.14158
2265	3451	0.24360	1494030.	0.03040	21.14769
2262	3452	0.24361	1494677.	0.00000	21.15088
2259	3453	0.24363	1494322.	0.00000	21.15223
2256	3456	0.24367	1494177.	0.00000	21.15305
2253	3459	0.24363	1494043.	0.00000	21.15460
2250	3460	0.24360	1494620.	0.00000	21.15683
2247	3460	0.24360	1494620.	0.00000	21.15777
2245	3462	0.24365	1494645.	0.00000	21.15812
2242	3465	0.24367	1494673.	0.00000	21.15864
2239	3469	0.24365	1494673.	0.00000	21.15900
2236	3469	0.24365	1494673.	0.00000	21.15968
2233	3469	0.24367	1494673.	0.00000	21.16000
2230	3472	0.24371	1494644.	0.00000	21.16002
2227	3472	0.24371	1494644.	0.00000	21.16002
2224	3472	0.24371	1494644.	0.00000	21.16002
2221	3472	0.24371	1494644.	0.00000	21.16002
2218	3472	0.24371	1494644.	0.00000	21.16002
2215	3472	0.24371	1494644.	0.00000	21.16002
2212	3472	0.24371	1494644.	0.00000	21.16002
2209	3472	0.24371	1494644.	0.00000	21.16002
2206	3472	0.24371	1494644.	0.00000	21.16002
2203	3472	0.24371	1494644.	0.00000	21.16002
2200	3472	0.24371	1494644.	0.00000	21.16002
2197	3472	0.24371	1494644.	0.00000	21.16002
2194	3472	0.24371	1494644.	0.00000	21.16002
2191	3472	0.24371	1494644.	0.00000	21.16002
2188	3472	0.24371	1494644.	0.00000	21.16002
2185	3472	0.24371	1494644.	0.00000	21.16002
2182	3472	0.24371	1494644.	0.00000	21.16002
2179	3472	0.24371	1494644.	0.00000	21.16002
2176	3472	0.24371	1494644.	0.00000	21.16002
2173	3472	0.24371	1494644.	0.00000	21.16002
2170	3472	0.24371	1494644.	0.00000	21.16002
2167	3472	0.24371	1494644.	0.00000	21.16002
2164	3472	0.24371	1494644.	0.00000	21.16002
2161	3472	0.24371	1494644.	0.00000	21.16002
2158	3472	0.24371	1494644.	0.00000	21.16002
2155	3472	0.24371	1494644.	0.00000	21.16002
2152	3472	0.24371	1494644.	0.00000	21.16002
2149	3472	0.24371	1494644.	0.00000	21.16002
2146	3472	0.24371	1494644.	0.00000	21.16002
2143	3472	0.24371	1494644.	0.00000	21.16002
2140	3472	0.24371	1494644.	0.00000	21.16002
2137	3472	0.24371	1494644.	0.00000	21.16002
2134	3472	0.24371	1494644.	0.00000	21.16002
2131	3472	0.24371	1494644.	0.00000	21.16002
2128	3472	0.24371	1494644.	0.00000	21.16002
2125	3472	0.24371	1494644.	0.00000	21.16002
2122	3472	0.24371	1494644.	0.00000	21.16002
2119	3472	0.24371	1494644.	0.00000	21.16002
2116	3472	0.24371	1494644.	0.00000	21.16002
2113	3472	0.24371	1494644.	0.00000	21.16002
2110	3472	0.24371	1494644.	0.00000	21.16002
2107	3472	0.24371	1494644.	0.00000	21.16002
2104	3472	0.24371	1494644.	0.00000	21.16002
2101	3472	0.24371	1494644.	0.00000	21.16002
2098	3472	0.24371	1494644.	0.00000	21.16002
2095	3472	0.24371	1494644.	0.00000	21.16002
2092	3472	0.24371	1494644.	0.00000	21.16002
2089	3472	0.24371	1494644.	0.00000	21.16002
2086	3472	0.24371	1494644.	0.00000	21.16002
2083	3472	0.24371	1494644.	0.00000	21.16002
2080	3472	0.24371	1494644.	0.00000	21.16002
2077	3472	0.24371	1494644.	0.00000	21.16002
2074	3472	0.24371	1494644.	0.00000	21.16002
2071	3472	0.24371	1494644.	0.00000	21.16002
2068	3472	0.24371	1494644.	0.00000	21.16002
2065	3472	0.24371	1494644.	0.00000	21.16002
2062	3472	0.24371	1494644.	0.00000	21.16002
2059	3472	0.24371	1494644.	0.00000	21.16002
2056	3472	0.24371	1494644.	0.00000	21.16002
2053	3472	0.24371	1494644.	0.00000	21.16002
2050	3472	0.24371	1494644.	0.00000	21.16002
2047	3472	0.24371	1494644.	0.00000	21.16002
2044	3472	0.24371	1494644.	0.00000	21.16002
2041	3472	0.24371	1494644.	0.00000	21.16002
2038	3472	0.24371	1494644.	0.00000	21.16002
2035	3472	0.24371	1494644.	0.00000	21.16002
2032	3472	0.24371	1494644.	0.00000	21.16002
2029	3472	0.24371	1494644.	0.00000	21.16002
2026	3472	0.24371	1494644.	0.00000	21.16002
2023	3472	0.24371	1494644.	0.00000	21.16002
2020	3472	0.24371	1494644.	0.00000	21.16002
2017	3472	0.24371	1494644.	0.00000	21.16002
2014	3472	0.24371	1494644.	0.00000	21.16002
2011	3472	0.24371	1494644.	0.00000	21.16002
2008	3472	0.24371	1494644.	0.00000	21.16002
2005	3472	0.24371	1494644.	0.00000	21.16002
2002	3472	0.24371	1494644.	0.00000	21.16002
1999	3472	0.24371	1494644.	0.00000	21.16002
1996	3472	0.24371	1494644.	0.00000	21.16002
1993	3472	0.24371	1494644.	0.00000	21.16002
1990	3472	0.24371	1494644.	0.00000	21.16002
1987	3472	0.24371	1494644.	0.00000	21.16002
1984	3472	0.24371	1494644.	0.00000	21.16002
1981	3472	0.24371	1494644.	0.00000	21.16002
1978	3472	0.24371	1494644.	0.00000	21.16002
1975	3472	0.24371	1494644.	0.00000	21.16002
1972	3472	0.24371	1494644.	0.00000	21.16002
1969	3472	0.24371	1494644.	0.00000	21.16002
1966	3472	0.24371	1494644.	0.00000	21.16002
1963	3472	0.24371	1494644.	0.00000	21.16002
1960	3472	0.24371	1494644.	0.00000	21.16002
1957	3472	0.24371	1494644.	0.00000	21.16002
1954	3472	0.24371	1494644.	0.00000	21.16002
1951	3472	0.24371	1494644.	0.00000	21.16002
1948	3472	0.24371	1494644.	0.00000	21.16002
1945	3472	0.24371	1494644.	0.00000	21.16002
1942	3472	0.24371	1494644.	0.00000	21.16002
1939	3472	0.24371	1494644.	0.00000	21.16002
1936	3472	0.24371	1494644.	0.00000	21.16002
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1918	3472	0.24371	1494644.	0.00000	21.16002
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1900	3472	0.24371	1494644.	0.00000	21.16002
1897	3472	0.24371	1494644.	0.00000	21.16002
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1753	3472	0.24371	1494644.	0.00000	21.16002
1750	3472	0.2437			

2054	2	4344	0.32281	154.4333	0.00284	22.37184
2055		4345	0.32288	154.4333	0.00285	22.37188
2056	0	4346	0.32293	154.4333	0.00286	22.37191
2057		4347	0.32298	154.4333	0.00287	22.37194
2058		4348	0.32303	154.4333	0.00288	22.37197
2059		4349	0.32308	154.4333	0.00289	22.37200
2060		4350	0.32313	154.4333	0.00290	22.37203
2061		4351	0.32318	154.4333	0.00291	22.37206
2062		4352	0.32323	154.4333	0.00292	22.37209
2063		4353	0.32328	154.4333	0.00293	22.37212
2064		4354	0.32333	154.4333	0.00294	22.37215
2065		4355	0.32338	154.4333	0.00295	22.37218
2066		4356	0.32343	154.4333	0.00296	22.37221
2067		4357	0.32348	154.4333	0.00297	22.37224
2068		4358	0.32353	154.4333	0.00298	22.37227
2069		4359	0.32358	154.4333	0.00299	22.37230
2070		4360	0.32363	154.4333	0.00300	22.37233
2071		4361	0.32368	154.4333	0.00301	22.37236
2072		4362	0.32373	154.4333	0.00302	22.37239
2073		4363	0.32378	154.4333	0.00303	22.37242
2074		4364	0.32383	154.4333	0.00304	22.37245
2075		4365	0.32388	154.4333	0.00305	22.37248
2076		4366	0.32393	154.4333	0.00306	22.37251
2077		4367	0.32398	154.4333	0.00307	22.37254
2078		4368	0.32403	154.4333	0.00308	22.37257
2079		4369	0.32408	154.4333	0.00309	22.37260
2080		4370	0.32413	154.4333	0.00310	22.37263
2081		4371	0.32418	154.4333	0.00311	22.37266
2082		4372	0.32423	154.4333	0.00312	22.37269
2083		4373	0.32428	154.4333	0.00313	22.37272
2084		4374	0.32433	154.4333	0.00314	22.37275
2085		4375	0.32438	154.4333	0.00315	22.37278
2086		4376	0.32443	154.4333	0.00316	22.37281
2087		4377	0.32448	154.4333	0.00317	22.37284
2088		4378	0.32453	154.4333	0.00318	22.37287
2089		4379	0.32458	154.4333	0.00319	22.37290
2090		4380	0.32463	154.4333	0.00320	22.37293
2091		4381	0.32468	154.4333	0.00321	22.37296
2092		4382	0.32473	154.4333	0.00322	22.37299
2093		4383	0.32478	154.4333	0.00323	22.37302
2094		4384	0.32483	154.4333	0.00324	22.37305
2095		4385	0.32488	154.4333	0.00325	22.37308
2096		4386	0.32493	154.4333	0.00326	22.37311
2097		4387	0.32498	154.4333	0.00327	22.37314
2098		4388	0.32503	154.4333	0.00328	22.37317
2099		4389	0.32508	154.4333	0.00329	22.37320
2100		4390	0.32513	154.4333	0.00330	22.37323
2101		4391	0.32518	154.4333	0.00331	22.37326
2102		4392	0.32523	154.4333	0.00332	22.37329
2103		4393	0.32528	154.4333	0.00333	22.37332
2104		4394	0.32533	154.4333	0.00334	22.37335
2105		4395	0.32538	154.4333	0.00335	22.37338
2106		4396	0.32543	154.4333	0.00336	22.37341
2107		4397	0.32548	154.4333	0.00337	22.37344
2108		4398	0.32553	154.4333	0.00338	22.37347
2109		4399	0.32558	154.4333	0.00339	22.37350
2110		4400	0.32563	154.4333	0.00340	22.37353
2111		4401	0.32568	154.4333	0.00341	22.37356
2112		4402	0.32573	154.4333	0.00342	22.37359
2113		4403	0.32578	154.4333	0.00343	22.37362
2114		4404	0.32583	154.4333	0.00344	22.37365
2115		4405	0.32588	154.4333	0.00345	22.37368
2116		4406	0.32593	154.4333	0.00346	22.37371
2117		4407	0.32598	154.4333	0.00347	22.37374
2118		4408	0.32603	154.4333	0.00348	22.37377
2119		4409	0.32608	154.4333	0.00349	22.37380
2120		4410	0.32613	154.4333	0.00350	22.37383
2121		4411	0.32618	154.4333	0.00351	22.37386
2122		4412	0.32623	154.4333	0.00352	22.37389
2123		4413	0.32628	154.4333	0.00353	22.37392
2124		4414	0.32633	154.4333	0.00354	22.37395
2125		4415	0.32638	154.4333	0.00355	22.37398
2126		4416	0.32643	154.4333	0.00356	22.37401
2127		4417	0.32648	154.4333	0.00357	22.37404
2128		4418	0.32653	154.4333	0.00358	22.37407
2129		4419	0.32658	154.4333	0.00359	22.37410
2130		4420	0.32663	154.4333	0.00360	22.37413
2131		4421	0.32668	154.4333	0.00361	22.37416
2132		4422	0.32673	154.4333	0.00362	22.37419
2133		4423	0.32678	154.4333	0.00363	22.37422
2134		4424	0.32683	154.4333	0.00364	22.37425
2135		4425	0.32688	154.4333	0.00365	22.37428
2136		4426	0.32693	154.4333	0.00366	22.37431
2137		4427	0.32698	154.4333	0.00367	22.37434
2138		4428	0.32703	154.4333	0.00368	22.37437
2139		4429	0.32708	154.4333	0.00369	22.37440
2140		4430	0.32713	154.4333	0.00370	22.37443
2141		4431	0.32718	154.4333	0.00371	22.37446
2142		4432	0.32723	154.4333	0.00372	22.37449
2143		4433	0.32728	154.4333	0.00373	22.37452
2144		4434	0.32733	154.4333	0.00374	22.37455
2145		4435	0.32738	154.4333	0.00375	22.37458
2146		4436	0.32743	154.4333	0.00376	22.37461
2147		4437	0.32748	154.4333	0.00377	22.37464
2148		4438	0.32753	154.4333	0.00378	22.37467
2149		4439	0.32758	154.4333	0.00379	22.37470
2150		4440	0.32763	154.4333	0.00380	22.37473
2151		4441	0.32768	154.4333	0.00381	22.37476
2152		4442	0.32773	154.4333	0.00382	22.37479
2153		4443	0.32778	154.4333	0.00383	22.37482
2154		4444	0.32783	154.4333	0.00384	22.37485
2155		4445	0.32788	154.4333	0.00385	22.37488
2156		4446	0.32793	154.4333	0.00386	22.37491
2157		4447	0.32798	154.4333	0.00387	22.37494
2158		4448	0.32803	154.4333	0.00388	22.37497
2159		4449	0.32808	154.4333	0.00389	22.37500
2160		4450	0.32813	154.4333	0.00390	22.37503
2161		4451	0.32818	154.4333	0.00391	22.37506
2162		4452	0.32823	154.4333	0.00392	22.37509
2163		4453	0.32828	154.4333	0.00393	22.37512
2164		4454	0.32833	154.4333	0.00394	22.37515
2165		4455	0.32838	154.4333	0.00395	22.37518
2166		4456	0.32843	154.4333	0.00396	22.37521
2167		4457	0.32848	154.4333	0.00397	22.37524
2168		4458	0.32853	154.4333	0.00398	22.37527
2169		4459	0.32858	154.4333	0.00399	22.37530
2170		4460	0.32863	154.4333	0.00400	22.37533
2171		4461	0.32868	154.4333	0.00401	22.37536
2172		4462	0.32873	154.4333	0.00402	22.37539
2173		4463	0.32878	154.4333	0.00403	22.37542
2174		4464	0.32883	154.4333	0.00404	22.37545
2175		4465	0.32888	154.4333	0.00405	22.37548
2176		4466	0.32893	154.4333	0.00406	22.37551
2177		4467	0.32898	154.4333	0.00407	22.37554
2178		4468	0.32903	154.4333	0.00408	22.37557
2179		4469	0.32908	154.4333	0.00409	22.37560
2180		4470	0.32913	154.4333	0.00410	22.37563
2181		4471	0.32918	154.4333	0.00411	22.37566
2182		4472	0.32923	154.4333	0.00412	22.37569
2183		4473	0.32928	154.4333	0.00413	22.37572
2184		4474	0.32933	154.4333	0.00414	22.37575
2185		4475	0.32938	154.4333	0.00415	22.37578
2186		4476	0.32943	154.4333	0.00416	22.37581
2187		4477	0.32948	154.4333	0.00417	22.37584
2188		4478	0.32953	154.4333	0.00418	22.37587
2189		4479	0.32958	154.4333	0.00419	22.37590
2190		4480	0.32963	154.4333	0.00420	22.37593
2191		4481	0.32968	154.4333	0.00421	22.37596
2192		4482	0.32973	154.4333	0.00422	22.37599
2193		4483	0.32978	154.4333	0.00423	22.37602
2194		4484	0.32983	154.4333	0.00424	22.37605
2195		4485	0.32988	154.4333	0.00425	22.37608
2196		4486	0.32993	154.4333	0.00426	22.37611
2197		4487	0.32998	154.4333	0.00427	22.37614
2198		4488	0.33003	154.4333	0.00428	22.37617
2199		4489	0.33008	154.4333	0.00429	22.37620
2200		4490	0.33013	154.4333	0.00430	22.37623

1941	107	3500	0.41314	18420383.	0.41314	25.18118
1920	2	5007	0.42112	18443813.	0.42112	26.07156
1919		5009	0.42127	18447632.	0.00143	26.07698
1918		5070	0.42134	18449116.	0.00271	26.07967
1917		5071	0.42142	18451413.	0.00371	26.08235
1916		5072	0.42150	18453710.	0.00471	26.08503
1915		5073	0.42158	18456007.	0.00571	26.08771
1914		5074	0.42166	18458304.	0.00671	26.09039
1913		5075	0.42174	18460601.	0.00771	26.09307
1912		5076	0.42182	18462898.	0.00871	26.09575
1911		5077	0.42190	18465195.	0.00971	26.09843
1910		5078	0.42198	18467492.	0.01071	26.10111
1909		5079	0.42206	18469789.	0.01171	26.10379
1908		5080	0.42214	18472086.	0.01271	26.10647
1907		5081	0.42222	18474383.	0.01371	26.10915
1906		5082	0.42230	18476680.	0.01471	26.11183
1905		5083	0.42238	18478977.	0.01571	26.11451
1904		5084	0.42246	18481274.	0.01671	26.11719
1903		5085	0.42254	18483571.	0.01771	26.11987
1902		5086	0.42262	18485868.	0.01871	26.12255
1901		5087	0.42270	18488165.	0.01971	26.12523
1900		5088	0.42278	18490462.	0.02071	26.12791
1899		5089	0.42286	18492759.	0.02171	26.13059
1898		5090	0.42294	18495056.	0.02271	26.13327
1897		5091	0.42302	18497353.	0.02371	26.13595
1896		5092	0.42310	18499650.	0.02471	26.13863
1895		5093	0.42318	18501947.	0.02571	26.14131
1894		5094	0.42326	18504244.	0.02671	26.14399
1893		5095	0.42334	18506541.	0.02771	26.14667
1892		5096	0.42342	18508838.	0.02871	26.14935
1891		5097	0.42350	18511135.	0.02971	26.15203
1890		5098	0.42358	18513432.	0.03071	26.15471
1889		5099	0.42366	18515729.	0.03171	26.15739
1888		5100	0.42374	18518026.	0.03271	26.16007
1887		5101	0.42382	18520323.	0.03371	26.16275
1886		5102	0.42390	18522620.	0.03471	26.16543
1885		5103	0.42398	18524917.	0.03571	26.16811
1884		5104	0.42406	18527214.	0.03671	26.17079
1883		5105	0.42414	18529511.	0.03771	26.17347
1882		5106	0.42422	18531808.	0.03871	26.17615
1881		5107	0.42430	18534105.	0.03971	26.17883
1880		5108	0.42438	18536402.	0.04071	26.18151
1879		5109	0.42446	18538699.	0.04171	26.18419
1878		5110	0.42454	18540996.	0.04271	26.18687
1877		5111	0.42462	18543293.	0.04371	26.18955
1876		5112	0.42470	18545590.	0.04471	26.19223
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1874		5114	0.42486	18550184.	0.04671	26.19759
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1871		5117	0.42510	18557075.	0.04971	26.20563
1870		5118	0.42518	18559372.	0.05071	26.20831
1869		5119	0.42526	18561669.	0.05171	26.21099
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1866		5122	0.42550	18568560.	0.05471	26.21903
1865		5123	0.42558	18570857.	0.05571	26.22171
1864		5124	0.42566	18573154.	0.05671	26.22439
1863		5125	0.42574	18575451.	0.05771	26.22707
1862		5126	0.42582	18577748.	0.05871	26.22975
1861		5127	0.42590	18580045.	0.05971	26.23243
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1859		5129	0.42606	18584639.	0.06171	26.23779
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1853		5135	0.42654	18598421.	0.06771	26.25387
1852		5136	0.42662	18600718.	0.06871	26.25655
1851		5137	0.42670	18603015.	0.06971	26.25923
1850		5138	0.42678	18605312.	0.07071	26.26191
1849		5139	0.42686	18607609.	0.07171	26.26459
1848		5140	0.42694	18609906.	0.07271	26.26727
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1846		5142	0.42710	18614500.	0.07471	26.27263
1845		5143	0.42718	18616797.	0.07571	26.27531
1844		5144	0.42726	18619094.	0.07671	26.27799
1843		5145	0.42734	18621391.	0.07771	26.28067
1842		5146	0.42742	18623688.	0.07871	26.28335
1841		5147	0.42750	18625985.	0.07971	26.28603
1840		5148	0.42758	18628282.	0.08071	26.28871
1839		5149	0.42766	18630579.	0.08171	26.29139
1838		5150	0.42774	18632876.	0.08271	26.29407
1837		5151	0.42782	18635173.	0.08371	26.29675
1836		5152	0.42790	18637470.	0.08471	26.29943
1835		5153	0.42798	18639767.	0.08571	26.30211
1834		5154	0.42806	18642064.	0.08671	26.30479
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1832		5156	0.42822	18646658.	0.08871	26.31015
1831		5157	0.42830	18648955.	0.08971	26.31283
1830		5158	0.42838	18651252.	0.09071	26.31551
1829		5159	0.42846	18653549.	0.09171	26.31819
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1826		5162	0.42870	18660440.	0.09471	26.32623
1825		5163	0.42878	18662737.	0.09571	26.32891
1824		5164	0.42886	18665034.	0.09671	26.33159
1823		5165	0.42894	18667331.	0.09771	26.33427
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1373		8330	0.01171	225.2484	0.01171	11.81037
1374		8331	0.01172	225.2484	0.01172	11.81037
1375		8332	0.01173	225.2484	0.01173	11.81037
1376		8333	0.01174	225.2484	0.01174	11.81037
1377		8334	0.01175	225.2484	0.01175	11.81037
1378		8335	0.01176	225.2484	0.01176	11.81037
1379		8336	0.01177	225.2484	0.01177	11.81037
1380		8337	0.01178	225.2484	0.01178	11.81037
1381		8338	0.01179	225.2484	0.01179	11.81037
1382		8339	0.01180	225.2484	0.01180	11.81037
1383		8340	0.01181	225.2484	0.01181	11.81037
1384		8341	0.01182	225.2484	0.01182	11.81037
1385		8342	0.01183	225.2484	0.01183	11.81037
1386		8343	0.01184	225.2484	0.01184	11.81037
1387		8344	0.01185	225.2484	0.01185	11.81037
1388		8345	0.01186	225.2484	0.01186	11.81037
1389		8346	0.01187	225.2484	0.01187	11.81037
1390		8347	0.01188	225.2484	0.01188	11.81037
1391		8348	0.01189	225.2484	0.01189	11.81037
1392		8349	0.01190	225.2484	0.01190	11.81037
1393		8350	0.01191	225.2484	0.01191	11.81037
1394		8351	0.01192	225.2484	0.01192	11.81037
1395		8352	0.01193	225.2484	0.01193	11.81037
1396		8353	0.01194	225.2484	0.01194	11.81037
1397		8354	0.01195	225.2484	0.01195	11.81037
1398		8355	0.01196	225.2484	0.01196	11.81037
1399		8356	0.01197	225.2484	0.01197	11.81037
1400		8357	0.01198	225.2484	0.01198	11.81037

1129	204	4830	C.73078	24476414.	O.C.1147	34.24147
1129		4830	C.73150	24476414.	O.C.1149	34.24149
1129		4830	C.73220	24476414.	O.C.1157	34.24157
1129		4830				
1129	34	4830	O.73248	24476414.	O.C.1178	34.24178
1129		4830	O.73055	24476414.	O.C.1185	34.24185
1129		4830	O.73079	24476414.	O.C.1194	34.24194
1129		4830	O.73074	24476414.	O.C.1203	34.24203
1129		4830	C.73761	24476414.	O.C.1212	34.24212
1129		4830	O.73769	24476414.	O.C.1221	34.24221
1129		4830	C.73050	24476414.	O.C.1230	34.24230
1129		4830	C.73573	24476414.	O.C.1239	34.24239
1129		4830	C.73840	24476414.	O.C.1248	34.24248
1129		4830	C.73910	24476414.	O.C.1257	34.24257
1129		4830	C.74014	24476414.	O.C.1266	34.24266
1129		4830	C.74029	24476414.	O.C.1275	34.24275
1129		4830	J.74051	24476414.	O.C.1284	34.24284
1129		4830	C.74066	24476414.	O.C.1293	34.24293
1129		4830	C.74133	24476414.	O.C.1302	34.24302
1129		4830	C.74185	24476414.	O.C.1311	34.24311
1129		4830	C.74210	24476414.	O.C.1320	34.24320
1129		4830	O.74215	24476414.	O.C.1329	34.24329
1129		4830	O.74237	24476414.	O.C.1338	34.24338
1129		4830	O.74550	24476414.	O.C.1347	34.24347
1129		4830	O.74579	24476414.	O.C.1356	34.24356
1129		4830	C.74593	24476414.	O.C.1365	34.24365
1129		4830	C.74608	24476414.	O.C.1374	34.24374
1129		4830	C.74637	24476414.	O.C.1383	34.24383
1129		4830	C.74634	24476414.	O.C.1392	34.24392
1129		4830	C.74632	24476414.	O.C.1401	34.24401
1129		4830	C.74699	24476414.	O.C.1410	34.24410
1129		4830	C.74607	24476414.	O.C.1419	34.24419
1129		4830	C.74630	24476414.	O.C.1428	34.24428
1129		4830	C.74633	24476414.	O.C.1437	34.24437
1129		4830	C.74633	24476414.	O.C.1446	34.24446
1129		4830	C.74633	24476414.	O.C.1455	34.24455
1129		4830	C.74633	24476414.	O.C.1464	34.24464
1129		4830	C.74633	24476414.	O.C.1473	34.24473
1129		4830	C.74633	24476414.	O.C.1482	34.24482
1129		4830	C.74633	24476414.	O.C.1491	34.24491
1129		4830	C.74633	24476414.	O.C.1500	34.24500
1129		4830	C.74633	24476414.	O.C.1509	34.24509
1129		4830	C.74633	24476414.	O.C.1518	34.24518
1129		4830	C.74633	24476414.	O.C.1527	34.24527
1129		4830	C.74633	24476414.	O.C.1536	34.24536
1129		4830	C.74633	24476414.	O.C.1545	34.24545
1129		4830	C.74633	24476414.	O.C.1554	34.24554
1129		4830	C.74633	24476414.	O.C.1563	34.24563
1129		4830	C.74633	24476414.	O.C.1572	34.24572
1129		4830	C.74633	24476414.	O.C.1581	34.24581
1129		4830	C.74633	24476414.	O.C.1590	34.24590
1129		4830	C.74633	24476414.	O.C.1600	34.24600
1129		4830	C.74633	24476414.	O.C.1609	34.24609
1129		4830	C.74633	24476414.	O.C.1618	34.24618
1129		4830	C.74633	24476414.	O.C.1627	34.24627
1129		4830	C.74633	24476414.	O.C.1636	34.24636
1129		4830	C.74633	24476414.	O.C.1645	34.24645
1129		4830	C.74633	24476414.	O.C.1654	34.24654
1129		4830	C.74633	24476414.	O.C.1663	34.24663
1129		4830	C.74633	24476414.	O.C.1672	34.24672
1129		4830	C.74633	24476414.	O.C.1681	34.24681
1129		4830	C.74633	24476414.	O.C.1690	34.24690
1129		4830	C.74633	24476414.	O.C.1700	34.24700
1129		4830	C.74633	24476414.	O.C.1709	34.24709
1129		4830	C.74633	24476414.	O.C.1718	34.24718
1129		4830	C.74633	24476414.	O.C.1727	34.24727
1129		4830	C.74633	24476414.	O.C.1736	34.24736
1129		4830	C.74633	24476414.	O.C.1745	34.24745
1129		4830	C.74633	24476414.	O.C.1754	34.24754
1129		4830	C.74633	24476414.	O.C.1763	34.24763
1129		4830	C.74633	24476414.	O.C.1772	34.24772
1129		4830	C.74633	24476414.	O.C.1781	34.24781
1129		4830	C.74633	24476414.	O.C.1790	34.24790
1129		4830	C.74633	24476414.	O.C.1800	34.24800
1129		4830	C.74633	24476414.	O.C.1809	34.24809
1129		4830	C.74633	24476414.	O.C.1818	34.24818
1129		4830	C.74633	24476414.	O.C.1827	34.24827
1129		4830	C.74633	24476414.	O.C.1836	34.24836
1129		4830	C.74633	24476414.	O.C.1845	34.24845
1129		4830	C.74633	24476414.	O.C.1854	34.24854
1129		4830	C.74633	24476414.	O.C.1863	34.24863
1129		4830	C.74633	24476414.	O.C.1872	34.24872
1129		4830	C.74633	24476414.	O.C.1881	34.24881
1129		4830	C.74633	24476414.	O.C.1890	34.24890
1129		4830	C.74633	24476414.	O.C.1900	34.24900
1129		4830	C.74633	24476414.	O.C.1909	34.24909
1129		4830	C.74633	24476414.	O.C.1918	34.24918
1129		4830	C.74633	24476414.	O.C.1927	34.24927
1129		4830	C.74633	24476414.	O.C.1936	34.24936
1129		4830	C.74633	24476414.	O.C.1945	34.24945
1129		4830	C.74633	24476414.	O.C.1954	34.24954
1129		4830	C.74633	24476414.	O.C.1963	34.24963
1129		4830	C.74633	24476414.	O.C.1972	34.24972
1129		4830	C.74633	24476414.	O.C.1981	34.24981
1129		4830	C.74633	24476414.	O.C.1990	34.24990
1129		4830	C.74633	24476414.	O.C.2000	34.25000

10329	2	10062	C. 79253	253126	0.00291	35.87358
10330	12	10067	C. 79260	253127	0.00291	35.87358
10331	6	10067	C. 79260	253128	0.00291	35.87358
10332		10067	C. 79260	253129	0.00291	35.87358
10333		10067	C. 79260	253130	0.00291	35.87358
10334		10067	C. 79260	253131	0.00291	35.87358
10335		10067	C. 79260	253132	0.00291	35.87358
10336		10067	C. 79260	253133	0.00291	35.87358
10337		10067	C. 79260	253134	0.00291	35.87358
10338		10067	C. 79260	253135	0.00291	35.87358
10339		10067	C. 79260	253136	0.00291	35.87358
10340		10067	C. 79260	253137	0.00291	35.87358
10341		10067	C. 79260	253138	0.00291	35.87358
10342		10067	C. 79260	253139	0.00291	35.87358
10343		10067	C. 79260	253140	0.00291	35.87358
10344		10067	C. 79260	253141	0.00291	35.87358
10345		10067	C. 79260	253142	0.00291	35.87358
10346		10067	C. 79260	253143	0.00291	35.87358
10347		10067	C. 79260	253144	0.00291	35.87358
10348		10067	C. 79260	253145	0.00291	35.87358
10349		10067	C. 79260	253146	0.00291	35.87358
10350		10067	C. 79260	253147	0.00291	35.87358
10351		10067	C. 79260	253148	0.00291	35.87358
10352		10067	C. 79260	253149	0.00291	35.87358
10353		10067	C. 79260	253150	0.00291	35.87358
10354		10067	C. 79260	253151	0.00291	35.87358
10355		10067	C. 79260	253152	0.00291	35.87358
10356		10067	C. 79260	253153	0.00291	35.87358
10357		10067	C. 79260	253154	0.00291	35.87358
10358		10067	C. 79260	253155	0.00291	35.87358
10359		10067	C. 79260	253156	0.00291	35.87358
10360		10067	C. 79260	253157	0.00291	35.87358
10361		10067	C. 79260	253158	0.00291	35.87358
10362		10067	C. 79260	253159	0.00291	35.87358
10363		10067	C. 79260	253160	0.00291	35.87358
10364		10067	C. 79260	253161	0.00291	35.87358
10365		10067	C. 79260	253162	0.00291	35.87358
10366		10067	C. 79260	253163	0.00291	35.87358
10367		10067	C. 79260	253164	0.00291	35.87358
10368		10067	C. 79260	253165	0.00291	35.87358
10369		10067	C. 79260	253166	0.00291	35.87358
10370		10067	C. 79260	253167	0.00291	35.87358
10371		10067	C. 79260	253168	0.00291	35.87358
10372		10067	C. 79260	253169	0.00291	35.87358
10373		10067	C. 79260	253170	0.00291	35.87358
10374		10067	C. 79260	253171	0.00291	35.87358
10375		10067	C. 79260	253172	0.00291	35.87358
10376		10067	C. 79260	253173	0.00291	35.87358
10377		10067	C. 79260	253174	0.00291	35.87358
10378		10067	C. 79260	253175	0.00291	35.87358
10379		10067	C. 79260	253176	0.00291	35.87358
10380		10067	C. 79260	253177	0.00291	35.87358
10381		10067				

943	2	14302	1.06748	2902444.	0.00668	41.01244
944	1	14304	1.06753	2903474.	0.00133	41.01645
943	3	14371	1.06792	2903438.	0.00666	41.08310
942	3	14376	1.06830	2906112.	0.00666	41.08976
941	2	14378	1.06844	2906204.	0.00268	41.09239
940	16	14394	1.06863	2906204.	0.00126	41.11365
939	5	14458	1.06993	2906733.	0.00131	41.11844
938	5	14463	1.07030	2909343.	0.00663	41.12556
937	6	14469	1.07075	2909772.	0.00755	41.13151
936	30	14439	1.07248	2911713.	0.00364	41.17322
935	4	14443	1.07327	2911384.	0.00249	41.17847
934	2	14447	1.07354	2911483.	0.00548	41.18375
933	4	14449	1.07372	2911544.	0.00264	41.18636
932	3	14452	1.07394	2911723.	0.00355	41.19029
931	3	14455	1.07417	2911833.	0.00395	41.19423
930	16	14469	1.07521	2911804.	0.00440	41.19423
929	9	14478	1.07588	2911833.	0.00184	41.22443
928	6	14464	1.07632	2911833.	0.00787	41.23230
927	6	14488	1.07692	2911833.	0.00787	41.23230
926	6	14488	1.07736	2911833.	0.00787	41.23230
925	11	14505	1.07798	2911833.	0.00438	41.25976
924	24	14529	1.07907	2911833.	0.00135	41.29108
923	3	14532	1.07969	2911833.	0.00391	41.29500
922	3	14535	1.08011	2911833.	0.00391	41.29500
921	43	14534	1.08041	2911833.	0.00544	41.30409
920	4	14562	1.08183	2911833.	0.00390	41.30600
919	3	14585	1.08405	2911833.	0.00389	41.30777
918	3	14591	1.08427	2911833.	0.00389	41.30777
917	6	14597	1.08472	2911833.	0.00777	41.30739
916	3	14600	1.08494	2911833.	0.00388	41.30827
915	27	14602	1.08505	2911833.	0.00358	41.30885
914	27	14606	1.08519	2911833.	0.00358	41.30885
913	27	14606	1.08519	2911833.	0.00358	41.30885
912	27	14606	1.08519	2911833.	0.00358	41.30885
911	11	14635	1.08754	2911833.	0.00258	41.32836
910	11	14640	1.08836	2911833.	0.00415	41.34250
909	26	14672	1.09029	2911833.	0.00341	41.37591
908	6	14678	1.09074	2911833.	0.00770	41.38360
907	3	14685	1.09120	2911833.	0.00453	41.39253
906	3	14685	1.09133	2911833.	0.00384	41.39406
905	3	14687	1.09177	2911833.	0.00384	41.39406
904	8	14688	1.09222	2911833.	0.00312	41.39916
903	8	14706	1.09332	2911833.	0.00411	41.41933
902	4	14710	1.09312	2911833.	0.00510	41.42444
901	4	14714	1.09341	2911833.	0.00509	41.42953
900	4	14714	1.09377	2911833.	0.00509	41.42953
899	4	14714	1.09377	2911833.	0.00509	41.42953
898	4	14714	1.09377	2911833.	0.00509	41.42953
897	4	14714	1.09377	2911833.	0.00509	41.42953
896	4	14714	1.09377	2911833.	0.00509	41.42953
895	4	14714	1.09377	2911833.	0.00509	41.42953
894	4	14714	1.09377	2911833.	0.00509	41.42953
893	4	14714	1.09377	2911833.	0.00509	41.42953
892	4	14714	1.09377	2911833.	0.00509	41.42953
891	4	14714	1.09377	2911833.	0.00509	41.42953
890	4	14714	1.09377	2911833.	0.00509	41.42953
889	4	14714	1.09377	2911833.	0.00509	41.42953
888	4	14714	1.09377	2911833.	0.00509	41.42953
887	4	14714	1.09377	2911833.	0.00509	41.42953
886	4	14714	1.09377	2911833.	0.00509	41.42953
885	4	14714	1.09377	2911833.	0.00509	41.42953
884	4	14714	1.09377	2911833.	0.00509	41.42953
883	4	14714	1.09377	2911833.	0.00509	41.42953
882	4	14714	1.09377	2911833.	0.00509	41.42953
881	4	14714	1.09377	2911833.	0.00509	41.42953
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879	4	14714	1.09377	2911833.	0.00509	41.42953
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877	4	14714	1.09377	2911833.	0.00509	41.42953
876	4	14714	1.09377	2911833.	0.00509	41.42953
875	4	14714	1.09377	2911833.	0.00509	41.42953
874	4	14714	1.09377	2911833.	0.00509	41.42953
873	4	14714	1.09377	2911833.	0.00509	41.42953
872	4	14714	1.09377	2911833.	0.00509	41.42953
871	4	14714	1.09377	2911833.	0.00509	41.42953
870	4	14714	1.09377	2911833.	0.00509	41.42953
869	4	14714	1.09377	2911833.	0.00509	41.42953
868	4	14714	1.09377	2911833.	0.00509	41.42953
867	4	14714	1.09377	2911833.	0.00509	41.42953
866	4	14714	1.09377	2911833.	0.00509	41.42953
865	4	14714	1.09377	2911833.	0.00509	41.42953
864	4	14714	1.09377	2911833.	0.00509	41.42953
863	4	14714	1.09377	2911833.	0.00509	41.42953
862	4	14714	1.09377	2911833.	0.00509	41.42953
861	4	14714	1.09377	2911833.	0.00509	41.42953
860	4	14714	1.09377	2911833.	0.00509	41.42953
859	4	14714	1.09377	2911833.	0.00509	41.42953

838	1	13642	1.15770	30187832	0.00847	42.07740
837	10	13612	1.16014	30177440	0.01111	42.05010
836	2	13614	1.16029	30177432	0.02242	42.05028
855	5	13615	1.16366	30182440	0.00706	42.06491
854	3	13622	1.16389	30182440	0.00722	42.06493
853	15	13624	1.16393	30182440	0.00723	42.06495
852	4	13647	1.16475	30200040	0.00707	42.06930
851	6	13713	1.16765	30200040	0.00701	42.07182
849	7	13719	1.16810	30200040	0.00701	42.07182
848	7	13720	1.16810	30200040	0.00701	42.07182
847	7	13733	1.16814	30200040	0.00701	42.07182
846	7	13742	1.16841	30200040	0.00701	42.07182
845	14	13750	1.16841	30200040	0.00701	42.07182
844	3	13759	1.16841	30200040	0.00701	42.07182
843	3	13762	1.16841	30200040	0.00701	42.07182
842	4	13767	1.16841	30200040	0.00701	42.07182
841	4	13767	1.16841	30200040	0.00701	42.07182
840	9	13768	1.16841	30200040	0.00701	42.07182
839	4	13768	1.16841	30200040	0.00701	42.07182
838	4	13768	1.16841	30200040	0.00701	42.07182
836	11	13774	1.16841	30200040	0.00701	42.07182
835	7	13785	1.16841	30200040	0.00701	42.07182
834	7	13785	1.16841	30200040	0.00701	42.07182
833	7	13785	1.16841	30200040	0.00701	42.07182
832	7	13785	1.16841	30200040	0.00701	42.07182
831	15	13785	1.16841	30200040	0.00701	42.07182
830	7	13785	1.16841	30200040	0.00701	42.07182
829	7	13785	1.16841	30200040	0.00701	42.07182
828	27	13785	1.16841	30200040	0.00701	42.07182
827	2	13785	1.16841	30200040	0.00701	42.07182
826	2	13785	1.16841	30200040	0.00701	42.07182
825	15	13785	1.16841	30200040	0.00701	42.07182
824	7	13785	1.16841	30200040	0.00701	42.07182
823	7	13785	1.16841	30200040	0.00701	42.07182
822	7	13785	1.16841	30200040	0.00701	42.07182
821	8	13785	1.16841	30200040	0.00701	42.07182
820	17	13785	1.16841	30200040	0.00701	42.07182
819	6	13785	1.16841	30200040	0.00701	42.07182
818	6	13785	1.16841	30200040	0.00701	42.07182
817	6	13785	1.16841	30200040	0.00701	42.07182
816	30	13785	1.16841	30200040	0.00701	42.07182
815	3	13785	1.16841	30200040	0.00701	42.07182
814	3	13785	1.16841	30200040	0.00701	42.07182
813	12	13785	1.16841	30200040	0.00701	42.07182
812	12	13785	1.16841	30200040	0.00701	42.07182
811	8	13785	1.16841	30200040	0.00701	42.07182
810	4	13785	1.16841	30200040	0.00701	42.07182
809	4	13785	1.16841	30200040	0.00701	42.07182
808	21	13785	1.16841	30200040	0.00701	42.07182
807	2	13785	1.16841	30200040	0.00701	42.07182
806	2	13785	1.16841	30200040	0.00701	42.07182
805	2	13785	1.16841	30200040	0.00701	42.07182
804	29	13785	1.16841	30200040	0.00701	42.07182
803	5	13785	1.16841	30200040	0.00701	42.07182
802	5	13785	1.16841	30200040	0.00701	42.07182
801	7	13785	1.16841	30200040	0.00701	42.07182
800	163	13785	1.16841	30200040	0.00701	42.07182
799	8	13785	1.16841	30200040	0.00701	42.07182
798	8	13785	1.16841	30200040	0.00701	42.07182
797	8	13785	1.16841	30200040	0.00701	42.07182
796	5	13785	1.16841	30200040	0.00701	42.07182
795	6	13785	1.16841	30200040	0.00701	42.07182
794	6	13785	1.16841	30200040	0.00701	42.07182
793	43	13785	1.16841	30200040	0.00701	42.07182
792	43	13785	1.16841	30200040	0.00701	42.07182
791	43	13785	1.16841	30200040	0.00701	42.07182
790	2	13785	1.16841	30200040	0.00701	42.07182
789	2	13785	1.16841	30200040	0.00701	42.07182
788	21	13785	1.16841	30200040	0.00701	42.07182
787	3	13785	1.16841	30200040	0.00701	42.07182
786	9	13785	1.16841	30200040	0.00701	42.07182
785	9	13785	1.16841	30200040	0.00701	42.07182
784	9	13785	1.16841	30200040	0.00701	42.07182
783	10	13785	1.16841	30200040	0.00701	42.07182
782	5	13785	1.16841	30200040	0.00701	42.07182
781	4	13785	1.16841	30200040	0.00701	42.07182
780	4	13785	1.16841	30200040	0.00701	42.07182
779	9	13785	1.16841	30200040	0.00701	42.07182
778	9	13785	1.16841	30200040	0.00701	42.07182
777	9	13785	1.16841	30200040	0.00701	42.07182
776	9	13785	1.16841	30200040	0.00701	42.07182
775	21	13785	1.16841	30200040	0.00701	42.07182
774	9	13785	1.16841	30200040	0.00701	42.07182
773	8	13785	1.16841	30200040	0.00701	42.07182

772	3	17210	1.2779	3147713	0.000740	44.48888
771	6	17222	1.2779	3147713	0.000740	44.48888
770	11	17233	1.28060	31475301	0.01197	44.50649
769	2	17235	1.28075	3147713	0.000740	44.50916
768	56	17254	1.28514	3147713	0.000740	44.51321
767	2	17256	1.28528	3153154	0.000740	44.51535
766	5	17301	1.23566	3153173	0.000740	44.52076
765	15	17316	1.26077	3154425	0.000740	44.52697
764	5	17323	1.26729	3154457	0.000740	44.53452
763	5	17323	1.26766	3154457	0.000740	44.53452
762	10	17338	1.26841	3154457	0.000740	44.53452
761	7	17338	1.26841	3154457	0.000740	44.53452
760	17	17342	1.26916	3154457	0.000740	44.53452
759	4	17366	1.29349	3154457	0.000740	44.53452
758	4	17370	1.29378	3154457	0.000740	44.53452
757	4	17374	1.29388	3154457	0.000740	44.53452
756	27	17401	1.29399	3154457	0.000740	44.53452
755	8	17404	1.29399	3154457	0.000740	44.53452
754	6	17413	1.29399	3154457	0.000740	44.53452
753	2	17415	1.29413	3154457	0.000740	44.53452
752	13	17428	1.29436	3154457	0.000740	44.53452
751	4	17432	1.29439	3154457	0.000740	44.53452
750	168	17600	1.30347	3154457	0.000740	44.53452
749	9	17606	1.30347	3154457	0.000740	44.53452
748	9	17615	1.30347	3154457	0.000740	44.53452
747	5	17620	1.30347	3154457	0.000740	44.53452
746	4	17624	1.30347	3154457	0.000740	44.53452
745	5	17629	1.30347	3154457	0.000740	44.53452
744	36	17645	1.31271	3154457	0.000740	44.53452
743	8	17673	1.31330	3154457	0.000740	44.53452
742	5	17678	1.31367	3154457	0.000740	44.53452
741	5	17686	1.31367	3154457	0.000740	44.53452
740	20	17706	1.31367	3154457	0.000740	44.53452
739	7	17713	1.31367	3154457	0.000740	44.53452
738	7	17720	1.31367	3154457	0.000740	44.53452
737	7	17727	1.31367	3154457	0.000740	44.53452
736	38	17755	1.32214	3154457	0.000740	44.53452
735	7	17772	1.32266	3154457	0.000740	44.53452
734	4	17778	1.32266	3154457	0.000740	44.53452
733	4	17778	1.32266	3154457	0.000740	44.53452
732	20	17797	1.32251	3154457	0.000740	44.53452
731	5	17802	1.32289	3154457	0.000740	44.53452
730	8	17810	1.32246	3154457	0.000740	44.53452
729	10	17820	1.32422	3154457	0.000740	44.53452
728	6	17826	1.32467	3154457	0.000740	44.53452
727	10	17836	1.32541	3154457	0.000740	44.53452
726	10	17848	1.32576	3154457	0.000740	44.53452
725	12	17868	1.32576	3154457	0.000740	44.53452
724	11	17879	1.32861	3154457	0.000740	44.53452
723	4	17883	1.32891	3154457	0.000740	44.53452
722	9	17892	1.32957	3154457	0.000740	44.53452
721	9	17901	1.33024	3154457	0.000740	44.53452
720	12	18333	1.36234	3154457	0.000740	44.53452
719	3	18336	1.36234	3154457	0.000740	44.53452
718	3	18336	1.36234	3154457	0.000740	44.53452
717	6	18351	1.36308	3154457	0.000740	44.53452
716	5	18356	1.36405	3154457	0.000740	44.53452
715	3	18359	1.36428	3154457	0.000740	44.53452
714	13	18372	1.36524	3154457	0.000740	44.53452
713	16	18381	1.36591	3154457	0.000740	44.53452
712	16	18381	1.36591	3154457	0.000740	44.53452
711	8	18405	1.36770	3154457	0.000740	44.53452
710	13	18413	1.36666	3154457	0.000740	44.53452
709	9	18437	1.36933	3154457	0.000740	44.53452
708	23	18450	1.37104	3154457	0.000740	44.53452
707	10	18460	1.37178	3154457	0.000740	44.53452
706	8	18466	1.37223	3154457	0.000740	44.53452
705	4	18470	1.37253	3154457	0.000740	44.53452
704	11	18481	1.37334	3154457	0.000740	44.53452
703	6	18487	1.37379	3154457	0.000740	44.53452
702	13	18500	1.37475	3154457	0.000740	44.53452
701	9	18514	1.37542	3154457	0.000740	44.53452
700	496	19035	1.41238	3154457	0.000740	44.53452
699	4	19063	1.41358	3154457	0.000740	44.53452
698	9	19083	1.41325	3154457	0.000740	44.53452
697	8	19076	1.41358	3154457	0.000740	44.53452
696	44	19076	1.41358	3154457	0.000740	44.53452
695	8	19076	1.41358	3154457	0.000740	44.53452
694	6	19076	1.41358	3154457	0.000740	44.53452
693	4	19076	1.41358	3154457	0.000740	44.53452
692	8	19076	1.41358	3154457	0.000740	44.53452
691	8	19076	1.41358	3154457	0.000740	44.53452
690	16	19115	1.42046	3154457	0.000740	44.53452
689	5	19120	1.42083	3154457	0.000740	44.53452
688	6	19120	1.42127	3154457	0.000740	44.53452
687	8	19124	1.42137	3154457	0.000740	44.53452

686	8	1.4154	1.42570	1.42571	0.00170	46.42479
685		1.4153	1.42568	1.42569	0.00175	46.42017
684	39	1.4153	1.42566	1.42567	0.00364	46.49400
683	10	1.4155	1.42590	1.42580	0.00565	46.50365
682	2	1.4200	1.42731	1.42731	0.00808	46.51230
681	2	1.4200	1.42722	1.42722	0.00193	46.51422
680	38	1.4249	1.43034	1.43034	0.00553	46.55075
679	8	1.4252	1.43034	1.43034	0.00798	46.55843
678	7	1.4253	1.43034	1.43034	0.00671	46.56311
677	12	1.4271	1.43205	1.43205	0.01148	46.57658
676	4	1.4275	1.43215	1.43215	0.00222	46.58040
675	11	1.4389	1.44332	1.44332	0.00677	46.60916
674	10	1.4399	1.44336	1.44336	0.00553	46.61608
673	3	1.4402	1.44378	1.44378	0.00285	46.70154
672	69	1.4471	1.44971	1.44971	0.00554	46.76709
671	3	1.4474	1.44973	1.44973	0.00137	46.78127
670	12	1.4480	1.44983	1.44983	0.00379	46.78505
669	4	1.4483	1.44983	1.44983	0.00472	46.78975
668	5	1.4485	1.44989	1.44989	0.00443	46.79915
667	10	1.4495	1.45018	1.45018	0.00541	46.80656
666	10	1.4501	1.45063	1.45063	0.00554	46.81419
665	10	1.4501	1.45063	1.45063	0.00554	46.82358
664	5	1.4503	1.45064	1.45064	0.00554	46.83200
663	5	1.4503	1.45064	1.45064	0.00554	46.83665
662	3	1.4503	1.45064	1.45064	0.00554	46.83943
661	67	1.4503	1.45064	1.45064	0.00554	46.90193
660	7	1.4503	1.45064	1.45064	0.00554	46.91029
659	9	1.4503	1.45064	1.45064	0.00554	46.91674
658	9	1.4503	1.45064	1.45064	0.00554	46.92142
657	9	1.4503	1.45064	1.45064	0.00554	46.92576
656	9	1.4503	1.45064	1.45064	0.00554	46.93810
655	9	1.4503	1.45064	1.45064	0.00554	46.94640
654	9	1.4503	1.45064	1.45064	0.00554	46.94916
653	9	1.4503	1.45064	1.45064	0.00554	46.95284
652	9	1.4503	1.45064	1.45064	0.00554	46.96019
651	13	1.4503	1.45064	1.45064	0.00554	46.96421
650	13	1.4503	1.45064	1.45064	0.00554	46.96421
649	8	1.4503	1.45064	1.45064	0.00554	46.96421
648	8	1.4503	1.45064	1.45064	0.00554	46.96421
647	8	1.4503	1.45064	1.45064	0.00554	46.96421
646	8	1.4503	1.45064	1.45064	0.00554	46.96421
645	11	1.4503	1.45064	1.45064	0.00554	46.96421
644	11	1.4503	1.45064	1.45064	0.00554	46.96421
643	11	1.4503	1.45064	1.45064	0.00554	46.96421
642	10	1.4503	1.45064	1.45064	0.00554	46.96421
641	10	1.4503	1.45064	1.45064	0.00554	46.96421
640	48	1.4503	1.45064	1.45064	0.00554	46.96421
639	48	1.4503	1.45064	1.45064	0.00554	46.96421
638	48	1.4503	1.45064	1.45064	0.00554	46.96421
637	48	1.4503	1.45064	1.45064	0.00554	46.96421
636	48	1.4503	1.45064	1.45064	0.00554	46.96421
635	48	1.4503	1.45064	1.45064	0.00554	46.96421
634	12	1.4503	1.45064	1.45064	0.00554	46.96421
633	12	1.4503	1.45064	1.45064	0.00554	46.96421
632	12	1.4503	1.45064	1.45064	0.00554	46.96421
631	12	1.4503	1.45064	1.45064	0.00554	46.96421
630	39	1.4503	1.45064	1.45064	0.00554	46.96421
629	39	1.4503	1.45064	1.45064	0.00554	46.96421
628	10	1.4503	1.45064	1.45064	0.00554	46.96421
627	10	1.4503	1.45064	1.45064	0.00554	46.96421
626	32	1.4503	1.45064	1.45064	0.00554	46.96421
625	32	1.4503	1.45064	1.45064	0.00554	46.96421
624	68	1.4503	1.45064	1.45064	0.00554	46.96421
623	68	1.4503	1.45064	1.45064	0.00554	46.96421
622	68	1.4503	1.45064	1.45064	0.00554	46.96421
621	68	1.4503	1.45064	1.45064	0.00554	46.96421
620	28	1.4503	1.45064	1.45064	0.00554	46.96421
619	28	1.4503	1.45064	1.45064	0.00554	46.96421
618	28	1.4503	1.45064	1.45064	0.00554	46.96421
617	28	1.4503	1.45064	1.45064	0.00554	46.96421
616	14	1.4503	1.45064	1.45064	0.00554	46.96421
615	14	1.4503	1.45064	1.45064	0.00554	46.96421
614	14	1.4503	1.45064	1.45064	0.00554	46.96421
613	14	1.4503	1.45064	1.45064	0.00554	46.96421
612	14	1.4503	1.45064	1.45064	0.00554	46.96421
611	14	1.4503	1.45064	1.45064	0.00554	46.96421
610	14	1.4503	1.45064	1.45064	0.00554	46.96421
609	14	1.4503	1.45064	1.45064	0.00554	46.96421
608	14	1.4503	1.45064	1.45064	0.00554	46.96421
607	14	1.4503	1.45064	1.45064	0.00554	46.96421
606	14	1.4503	1.45064	1.45064	0.00554	46.96421
605	14	1.4503	1.45064	1.45064	0.00554	46.96421
604	14	1.4503	1.45064	1.45064	0.00554	46.96421
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602	14	1.4503	1.45064	1.45064	0.00554	46.96421
601	14	1.4503	1.45064	1.45064	0.00554	46.96421

600	1604	44104	1.04984	34711136	1.03812	49.14131
599	10	22149	1.04983	34710114	0.00047	49.14182
598	11	22210	1.05045	34710123	0.00050	49.14511
597	14	22224	1.05149	34715312	0.01121	49.15092
596	10	22232	1.05208	34715843	0.00014	49.16367
595	4	22236	1.05218	34716243	0.00010	49.16301
594	4	22240	1.05238	34716418	0.00010	49.17035
593	7	22247	1.05250	34716713	0.00017	49.17021
592	4	22251	1.05350	34716713	0.00015	49.17957
591	44	22253	1.05377	34717001	0.00010	49.21031
590	12	22307	1.05700	34814113	0.01001	49.22030
589	38	22313	1.05810	34817013	0.00050	49.23128
588	38	22315	1.06043	34817013	0.00050	49.23128
587	8	22319	1.06152	34817114	0.00054	49.26949
586	10	22369	1.06226	34817114	0.00054	49.27776
585	18	22387	1.06380	34817114	0.00054	49.27776
584	9	22390	1.06427	34817114	0.00054	49.30006
583	8	22404	1.06487	34817114	0.00054	49.30664
582	9	22413	1.06553	34817114	0.00054	49.31404
581	9	22414	1.06598	34817114	0.00054	49.31895
580	28	22447	1.06608	34817114	0.00054	49.34193
579	8	22455	1.06806	34910546	0.00055	49.34843
578	4	22459	1.06895	34910546	0.00057	49.35170
577	8	22467	1.06955	34910546	0.00057	49.35822
576	300	22707	1.06954	35110212	0.00057	49.60248
575	44	22811	1.06954	35110212	0.00057	49.60248
574	7	22813	1.06954	35110212	0.00057	49.60248
573	7	22825	1.06954	35110212	0.00057	49.60248
572	9	22834	1.06954	35110212	0.00057	49.60248
571	8	22842	1.06954	35110212	0.00057	49.60248
570	20	22842	1.06954	35110212	0.00057	49.60248
569	4	22849	1.06954	35110212	0.00057	49.60248
568	12	22873	1.06954	35110212	0.00057	49.60248
567	14	22889	1.06954	35110212	0.00057	49.60248
566	13	22902	1.06954	35110212	0.00057	49.60248
565	29	22915	1.06954	35110212	0.00057	49.60248
564	5	22944	1.06954	35110212	0.00057	49.60248
563	1	22949	1.06954	35110212	0.00057	49.60248
562	1	22950	1.06954	35110212	0.00057	49.60248
561	56	22957	1.06954	35110212	0.00057	49.60248
560	14	23023	1.06954	35110212	0.00057	49.60248
559	14	23037	1.06954	35110212	0.00057	49.60248
558	14	23051	1.06954	35110212	0.00057	49.60248
557	11	23071	1.06954	35110212	0.00057	49.60248
556	11	23084	1.06954	35110212	0.00057	49.60248
555	18	23092	1.06954	35110212	0.00057	49.60248
554	8	23103	1.06954	35110212	0.00057	49.60248
553	93	23113	1.06954	35110212	0.00057	49.60248
552	119	23119	1.06954	35110212	0.00057	49.60248
551	11	23134	1.06954	35110212	0.00057	49.60248
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547	13	23154	1.06954	35110212	0.00057	49.60248
546	15	23159	1.06954	35110212	0.00057	49.60248
545	26	23164	1.06954	35110212	0.00057	49.60248
544	3	23169	1.06954	35110212	0.00057	49.60248
543	12	23174	1.06954	35110212	0.00057	49.60248
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516	14	23309	1.06954	35110212	0.00057	49.60248
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[illegible]

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425	58	33479	2.48746	4017710	0.03444	57.07579
424	17	33461	2.48875	4012244	0.03719	57.08240
423	17	33508	2.49002	4016432	0.01016	57.09314
422	18	33540	2.49135	4035057	0.01074	57.10387
421	20	33540	2.49284	4040332	0.01140	57.11575
420	190	33730	2.50846	4040334	0.01180	57.12855
419	15	33771	2.50837	4040334	0.01088	57.13741
418	23	33771	2.50458	4045404	0.01182	57.14921
417	19	33794	2.51127	4050512	0.01150	57.16274
416	24	33813	2.51268	4051724	0.01117	57.17394
415	21	33837	2.51440	4051724	0.01408	57.18801
414	20	33858	2.51603	4053543	0.01224	57.19029
413	32	33870	2.51751	4054612	0.01168	57.21197
412	25	33910	2.51989	4057316	0.01664	57.23060
411	40	33945	2.52175	4057644	0.01452	57.24512
410	20	33975	2.52472	4052404	0.02218	57.26830
409	131	34120	2.52621	4055224	0.01150	57.27985
408	22	34148	2.53354	4064066	0.01555	57.29540
407	12	34148	2.53758	4064066	0.01260	57.29805
406	34	34160	2.53847	4065472	0.00609	57.29491
405	141	34174	2.54145	4067222	0.01146	57.29437
404	23	34335	2.55147	4071012	0.01552	57.31489
403	36	34358	2.55318	4073943	0.01110	57.32748
402	33	34394	2.55538	4075320	0.02240	57.34083
401	2205	34427	2.55831	4076715	0.01071	57.34714
400	22	36732	2.72560	4130412	0.03031	58.23044
399	16	36754	2.73123	4165792	0.01241	58.24284
398	16	36773	2.73242	4170423	0.00900	58.25184
397	95	36788	2.73361	4171104	0.00878	58.26082
396	27	36801	2.74067	4172454	0.00818	59.21399
395	58	36908	2.74267	4175612	0.01548	59.22905
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306	51	42406	3-15592	4382231	0-01275	01-15937
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214	50	58900	4.42309	4802550	C.01113	08.17637
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212	43	58742	4.44247	4802550	C.01600	08.21188
211	58	58443	4.44078	4802550	C.01700	08.22910
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195	124	71095	5.02427	5042412	C.01822	07.14204
194	30	71115	5.02427	5042412	C.01822	07.14204
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169	93	71291	5.02427	5042412	C.01822	07.14204
168	607	71291	5.02427	5042412	C.01822	07.14204
167	94	71291	5.02427	5042412	C.01822	07.14204
166	128	71291	5.02427	5042412	C.01822	07.14204
165	163	71291	5.02427	5042412	C.01822	07.14204
164	119	71291	5.02427	5042412	C.01822	07.14204
163	88	71291	5.02427	5042412	C.01822	07.14204
162	174	71291	5.02427	5042412	C.01822	07.14204
161	107	71291	5.02427	5042412	C.01822	07.14204
160	1081	71291	5.02427	5042412	C.01822	07.14204
159	101	71291	5.02427	5042412	C.01822	07.14204
158	124	71291	5.02427	5042412	C.01822	07.14204
157	97	71291	5.02427	5042412	C.01822	07.14204
156	440	71291	5.02427	5042412	C.01822	07.14204
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154	148	71291	5.02427	5042412	C.01822	07.14204
153	80	71291	5.02427	5042412	C.01822	07.14204
152	145	71291	5.02427	5042412	C.01822	07.14204
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147	89	71291	5.02427	5042412	C.01822	07.14204
146	123	71291	5.02427	5042412	C.01822	07.14204
145	149	71291	5.02427	5042412	C.01822	07.14204
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143	122	71291	5.02427	5042412	C.01822	07.14204
142	129	71291	5.02427	5042412	C.01822	07.14204
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139	191	71291	5.02427	5042412	C.01822	07.14204

137	106	38384	0.38840	33360487.	0.04373	75.22413
136	105	38500	0.37048	33125777.	0.04780	75.27459
135	104	38763	0.35023	33107110.	0.04443	75.42902
134	103	38934	0.60438	33343931.	0.03277	75.46170
133	102	39105	0.61734	33422222.	0.03294	75.48710
132	101	39280	0.63029	33400124.	0.03400	75.50176
131	100	39451	0.64325	33375401.	0.03502	75.50520
130	99	39622	0.70145	33351777.	0.03710	75.50932
129	98	39793	0.71337	33325555.	0.03821	75.51191
128	97	39964	0.72529	33300000.	0.03922	75.51450
127	96	40135	0.73721	33275000.	0.04022	75.51709
126	95	40306	0.74913	33250000.	0.04122	75.51968
125	94	40477	0.76105	33225000.	0.04222	75.52227
124	93	40648	0.77297	33200000.	0.04322	75.52486
123	92	40819	0.78489	33175000.	0.04422	75.52745
122	91	40990	0.79681	33150000.	0.04522	75.53004
121	90	41161	0.80873	33125000.	0.04622	75.53263
120	89	41332	0.82065	33100000.	0.04722	75.53522
119	88	41503	0.83257	33075000.	0.04822	75.53781
118	87	41674	0.84449	33050000.	0.04922	75.54040
117	86	41845	0.85641	33025000.	0.05022	75.54299
116	85	42016	0.86833	33000000.	0.05122	75.54558
115	84	42187	0.88025	32975000.	0.05222	75.54817
114	83	42358	0.89217	32950000.	0.05322	75.55076
113	82	42529	0.90409	32925000.	0.05422	75.55335
112	81	42700	0.91601	32900000.	0.05522	75.55594
111	80	42871	0.92793	32875000.	0.05622	75.55853
110	79	43042	0.93985	32850000.	0.05722	75.56112
109	78	43213	0.95177	32825000.	0.05822	75.56371
108	77	43384	0.96369	32800000.	0.05922	75.56630
107	76	43555	0.97561	32775000.	0.06022	75.56889
106	75	43726	0.98753	32750000.	0.06122	75.57148
105	74	43897	0.99945	32725000.	0.06222	75.57407
104	73	44068	1.01137	32700000.	0.06322	75.57666
103	72	44239	1.02329	32675000.	0.06422	75.57925
102	71	44410	1.03521	32650000.	0.06522	75.58184
101	70	44581	1.04713	32625000.	0.06622	75.58443
100	69	44752	1.05905	32600000.	0.06722	75.58702
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98	67	45094	1.08289	32550000.	0.06922	75.59220
97	66	45265	1.09481	32525000.	0.07022	75.59479
96	65	45436	1.10673	32500000.	0.07122	75.59738
95	64	45607	1.11865	32475000.	0.07222	75.59997
94	63	45778	1.13057	32450000.	0.07322	75.60256
93	62	45949	1.14249	32425000.	0.07422	75.60515
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91	60	46291	1.16633	32375000.	0.07622	75.61033
90	59	46462	1.17825	32350000.	0.07722	75.61292
89	58	46633	1.19017	32325000.	0.07822	75.61551
88	57	46804	1.20209	32300000.	0.07922	75.61810
87	56	46975	1.21401	32275000.	0.08022	75.62069
86	55	47146	1.22593	32250000.	0.08122	75.62328
85	54	47317	1.23785	32225000.	0.08222	75.62587
84	53	47488	1.24977	32200000.	0.08322	75.62846
83	52	47659	1.26169	32175000.	0.08422	75.63105
82	51	47830	1.27361	32150000.	0.08522	75.63364
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80	49	48172	1.29745	32100000.	0.08722	75.63882
79	48	48343	1.30937	32075000.	0.08822	75.64141
78	47	48514	1.32129	32050000.	0.08922	75.64400
77	46	48685	1.33321	32025000.	0.09022	75.64659
76	45	48856	1.34513	32000000.	0.09122	75.64918
75	44	49027	1.35705	31975000.	0.09222	75.65177
74	43	49198	1.36897	31950000.	0.09322	75.65436
73	42	49369	1.38089	31925000.	0.09422	75.65695
72	41	49540	1.39281	31900000.	0.09522	75.65954
71	40	49711	1.40473	31875000.	0.09622	75.66213
70	39	49882	1.41665	31850000.	0.09722	75.66472
69	38	50053	1.42857	31825000.	0.09822	75.66731
68	37	50224	1.44049	31800000.	0.09922	75.66990
67	36	50395	1.45241	31775000.	0.10022	75.67249
66	35	50566	1.46433	31750000.	0.10122	75.67508
65	34	50737	1.47625	31725000.	0.10222	75.67767
64	33	50908	1.48817	31700000.	0.10322	75.68026
63	32	51079	1.50009	31675000.	0.10422	75.68285
62	31	51250	1.51201	31650000.	0.10522	75.68544
61	30	51421	1.52393	31625000.	0.10622	75.68803
60	29	51592	1.53585	31600000.	0.10722	75.69062
59	28	51763	1.54777	31575000.	0.10822	75.69321
58	27	51934	1.55969	31550000.	0.10922	75.69580
57	26	52105	1.57161	31525000.	0.11022	75.69839
56	25	52276	1.58353	31500000.	0.11122	75.70098
55	24	52447	1.59545	31475000.	0.11222	75.70357
54	23	52618	1.60737	31450000.	0.11322	75.70616
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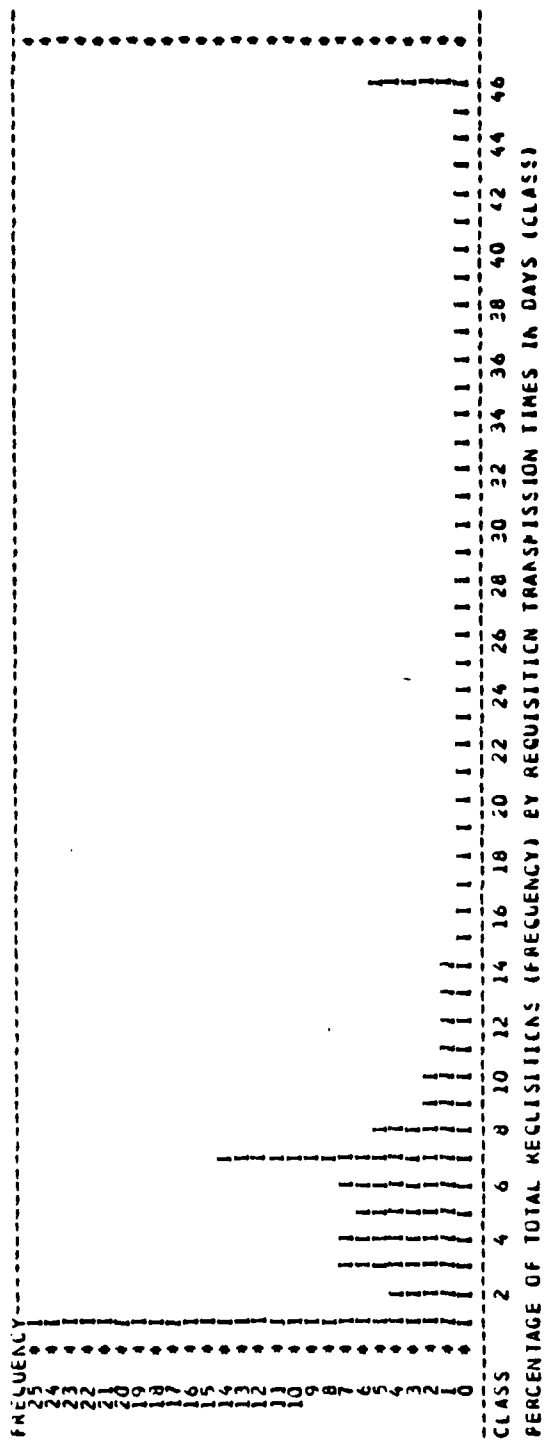
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52	18	15547	14.53111	62641112.	1.24663	87.70242
49	609	196356	14.59143	6204244.	0.05664	87.75843
48	15	11523	15.71851	6210656J.	1.02910	88.78753
47	126	212249	15.77406	62845074.	0.04823	88.83577
46	140	213089	15.83406	6285371.	0.04823	88.89040
45	171	214000	15.85102	6285441.	0.04823	88.94031
44	188	215168	15.93207	6310671.	0.06767	89.05758
43	151	216699	16.10313	63173132.	0.05781	89.11577
42	2046	218745	16.25517	63125612.	0.12147	89.23723
41	592	219737	16.32049	63109744.	0.05749	89.29472
40	7588	227325	16.65576	6344204.	0.42405	89.72375
39	1107	228432	16.67502	63516432.	0.06103	89.78479
38	1289	233741	17.07362	63565333.	0.06724	89.83402
37	1427	235018	17.15213	63615364.	0.06738	89.91138
36	9224	240042	17.43778	6350838.	0.46539	90.38077
35	2377	242419	18.31442	64241232.	0.11760	90.45835
34	1215	244034	18.13441	6410123.	0.06762	90.57590
33	1499	245533	18.24562	64125344.	0.06992	90.64586
32	2469	248032	18.42429	64204592.	0.11168	90.75754
31	1275	249577	18.54634	6425348.	0.06506	90.82853
30	1427	253864	19.00350	64630213.	0.00322	91.42986
29	1714	265518	19.73043	6472514.	0.07026	91.50011
28	2146	267704	19.44337	6475114.	0.06652	91.58662
27	2117	265741	19.44320	64845521.	0.07078	91.66359
26	2250	271971	20.21046	64840443.	0.06659	91.74628
25	1375	285140	21.18951	6521344.	0.46555	92.21184
24	2769	312215	21.63103	65253038.	0.06133	93.13817
23	2410	314025	23.38013	6550843.	0.06133	93.20851
22	2514	317539	23.59060	66032373.	0.09002	93.29912
21	3122	320861	23.82367	66061166.	0.06688	93.39178
20	28299	345500	25.97018	66646256.	0.61701	94.20877
19	3248	352908	26.21754	66707003.	0.08723	94.29601
18	9718	362520	26.53470	66662723.	0.24727	94.54326
17	4108	368839	27.44498	66952344.	0.09072	94.64197
16	7448	374582	27.63500	67115712.	0.17516	94.82172
15	13248	387843	28.02307	67278422.	0.12650	95.16263
14	5773	394003	29.27879	67360443.	0.12216	95.22478
13	5755	399758	29.70045	67439446.	0.10376	95.33052
12	37007	436765	32.45648	67863123.	0.62774	95.93823
11	7481	444240	33.01741	67866113.	0.11032	96.07457
10	58685	502911	37.01187	68224638.	0.82427	96.90382
9	11254	514107	38.20816	68653939.	0.14117	97.04700
8	25306	535371	40.26155	68655544.	0.18504	97.33203
7	15078	554449	41.23172	68561123.	0.14920	97.48122
6	1167	606310	45.05002	69272223.	0.43991	97.72113
5	52435	658751	46.55251	69524433.	0.37060	98.29170
4	71136	730277	49.46768	69820578.	0.40443	98.09612
3	60188	745015	50.31089	70220784.	0.25150	98.16761
2	189488	936471	71.07042	70241856.	0.44515	99.42575
1	389219	1345064	100.00002	70730912.	0.55019	99.68294

APPENDIX J

LOCAL CUSTOMER REQUISITION TRANSMISSION TIME

*** SHCRE STATION GROUP 1 REQUISITION TRANSMISSION TIMES **
 DAYS REQUISITIONS % CF TOTAL REQS CUM % CF TOTAL REQS

1	167.	25	318	25.3840
2	227.	7	325	31.166
3	217.	7	332	40.870
4	156.	6	338	50.535
5	159.	1	339	58.587
6	1237.	1	340	78.899
7	1206.	1	341	81.535
8	135.	1	342	85.600
9	1143.	1	343	88.844
10	1106.	1	344	89.296
11	1204.	1	345	90.115
12	1153.	1	346	90.326
13	12.	0	346	90.326
14	12.	0	346	90.326
15	12.	0	346	90.326
16	12.	0	346	90.326
17	12.	0	346	90.326
18	12.	0	346	90.326
19	12.	0	346	90.326
20	12.	0	346	90.326
21	12.	0	346	90.326
22	12.	0	346	90.326
23	12.	0	346	90.326
24	12.	0	346	90.326
25	12.	0	346	90.326
26	12.	0	346	90.326
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28	12.	0	346	90.326
29	12.	0	346	90.326
30	12.	0	346	90.326
31	12.	0	346	90.326
32	12.	0	346	90.326
33	12.	0	346	90.326
34	12.	0	346	90.326
35	12.	0	346	90.326
36	12.	0	346	90.326
37	12.	0	346	90.326
38	12.	0	346	90.326
39	12.	0	346	90.326
40	12.	0	346	90.326
41	12.	0	346	90.326
42	12.	0	346	90.326
43	12.	0	346	90.326
44	12.	0	346	90.326
45	12.	0	346	90.326
46	12.	0	346	90.326
TOTAL	859.		100.000	

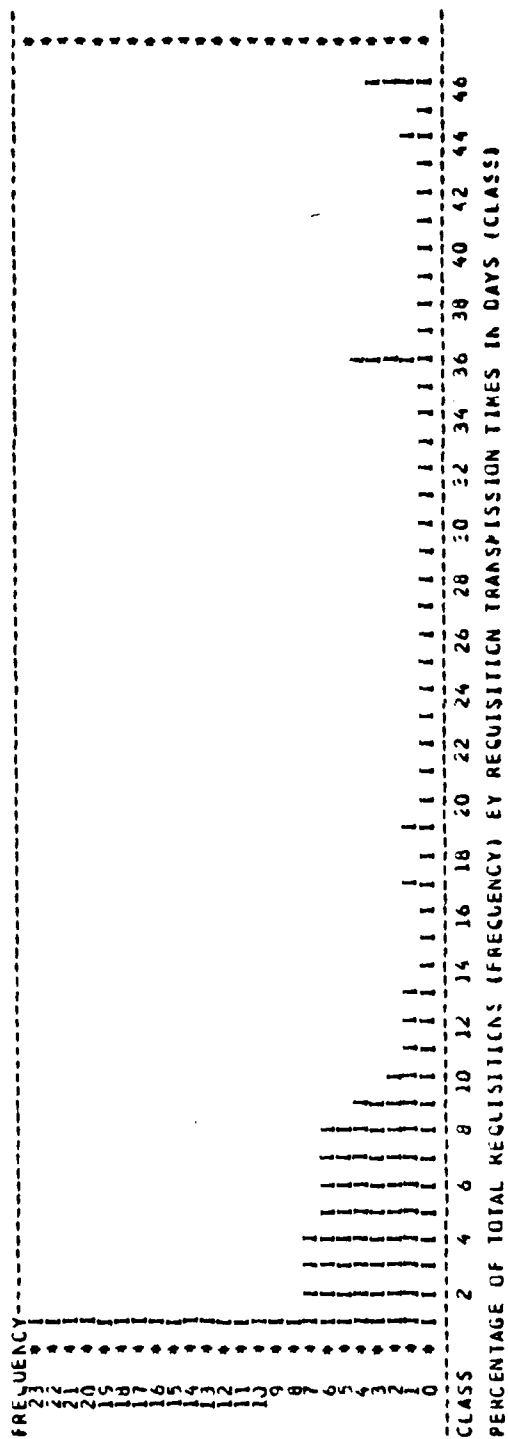


Shore Station Issue Priority Group I

*** SHORE STATION GROUP 2 REQUISITION TRANSMISSION TIMES **

CAYS REQUISITIONS 8 CF LTAL REQS CUM 8 CF TOTAL REQS

1	1144.	23	031	23	031
2	1140.	30	692	30	692
3	1138.	45	752	45	752
4	1135.	58	828	58	828
5	1132.	65	100	65	100
6	1128.	71	146	71	146
7	1125.	77	193	77	193
8	1121.	80	227	80	227
9	1118.	82	253	82	253
10	1115.	83	273	83	273
11	1112.	84	337	84	337
12	1109.	85	40	85	40
13	1106.	85	841	85	841
14	1103.	85	899	85	899
15	1100.	87	913	87	913
16	1097.	87	933	87	933
17	1094.	87	940	87	940
18	1091.	88	971	88	971
19	1088.	88	1013	88	1013
20	1085.	88	107	88	107
21	1082.	88	200	88	200
22	1079.	88	554	88	554
23	1076.	88	622	88	622
24	1073.	88	632	88	632
25	1070.	88	640	88	640
26	1067.	88	654	88	654
27	1064.	88	662	88	662
28	1061.	88	662	88	662
29	1058.	93	714	93	714
30	1055.	93	744	93	744
31	1052.	93	755	93	755
32	1049.	93	797	93	797
33	1046.	93	803	93	803
34	1043.	93	813	93	813
35	1040.	93	819	93	819
36	1037.	93	829	93	829
37	1034.	93	839	93	839
38	1031.	93	849	93	849
39	1028.	93	859	93	859
40	1025.	93	869	93	869
41	1022.	93	879	93	879
42	1019.	93	889	93	889
43	1016.	93	899	93	899
44	1013.	93	909	93	909
45	1010.	93	919	93	919
46	1007.	93	929	93	929
TOTAL	50124.		100.000		



Shore Station Issue Priority Group II

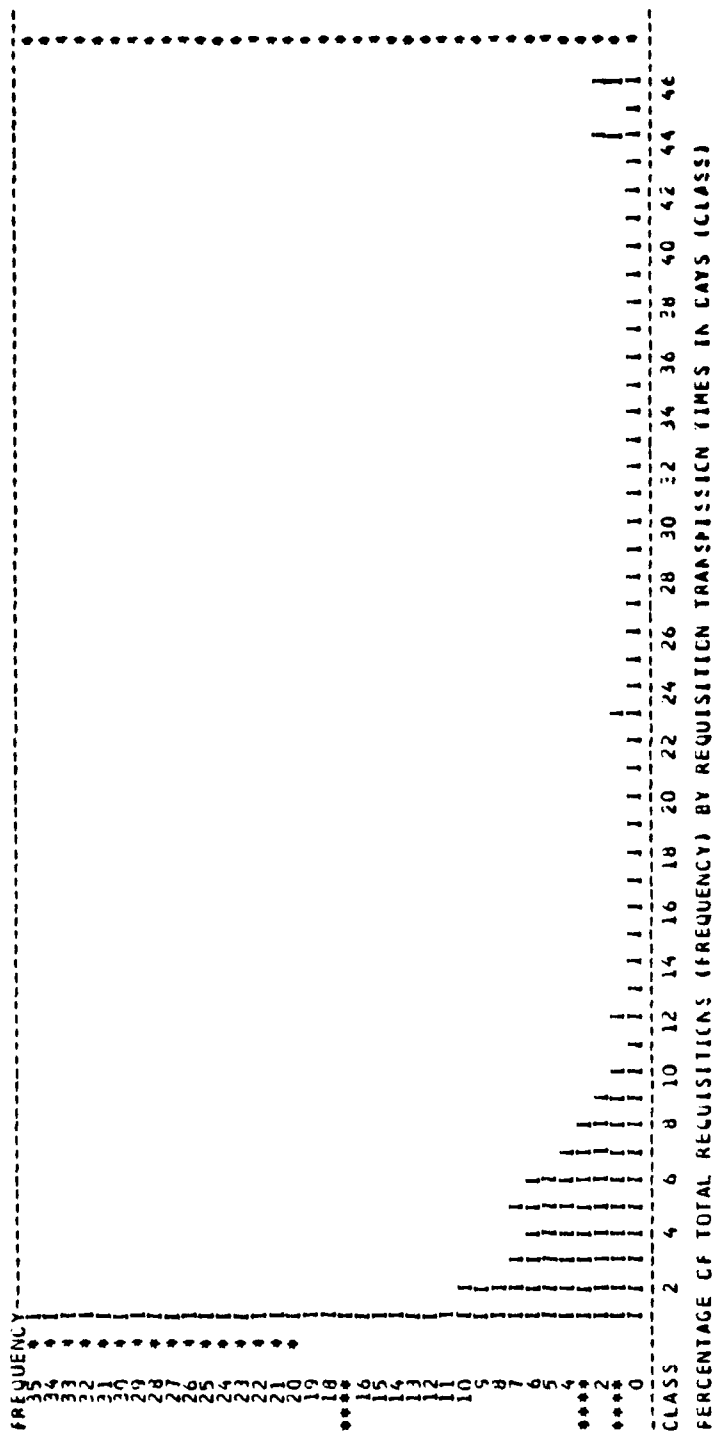
FREQUENCY		CUMULATIVE PERCENTAGE OF TOTAL REQUISITIONS (FREQUENCY) BY REQUISITION TRANSMISSION TIMES IN DAYS (CLASS)																						
CLASS		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
99	1																							
97	1																							
95	1																							
93	1																							
91	1																							
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9	1																							
7	1																							
5	1																							
3	1																							
1	1																							

Shore Station Issue Priority Group II

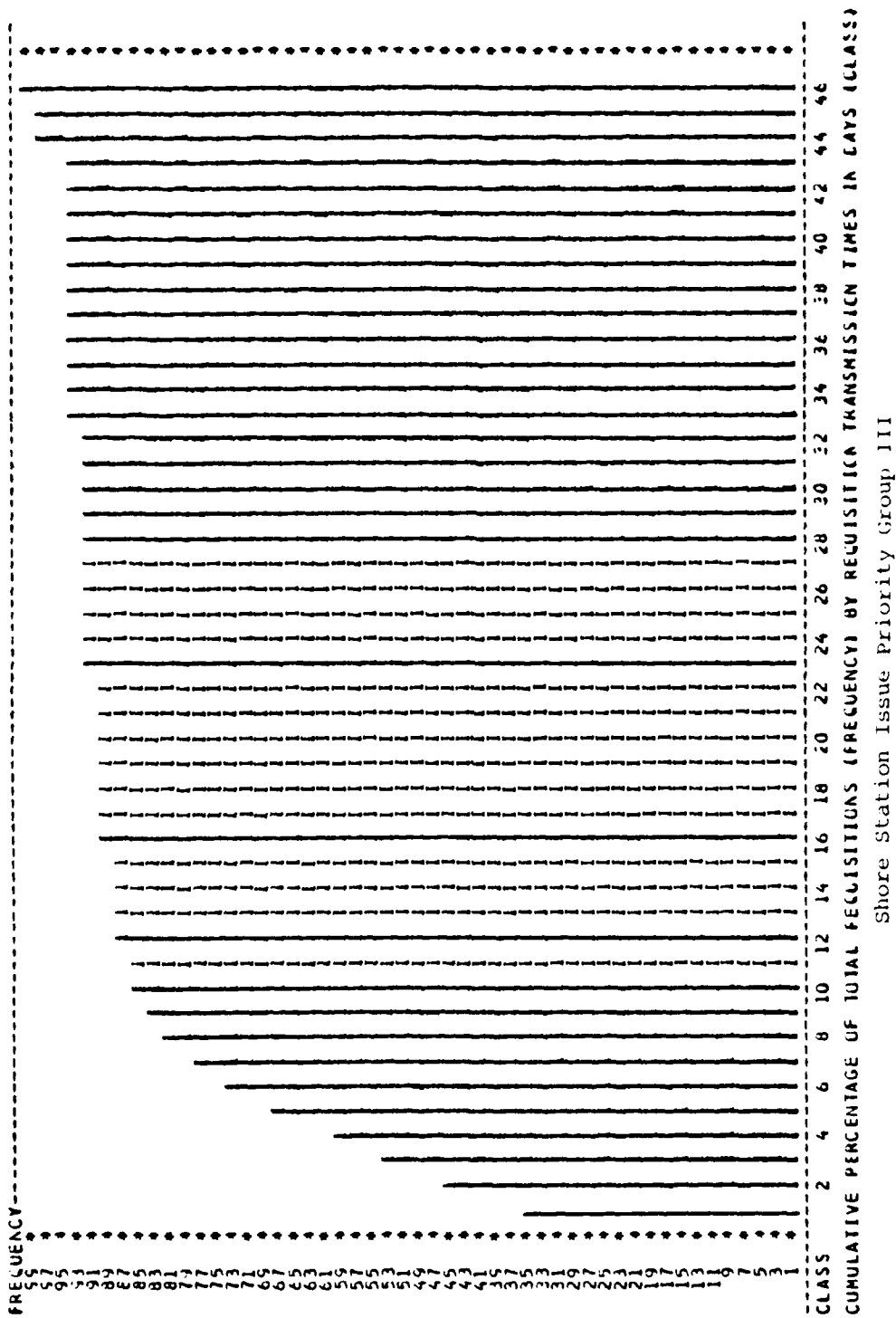
Shore Station Issue Priority Group II

*** SHCRE STATION GROUP 3 REQUISITION TRANSMISSION TIMES **

DAYS	REQUISITIONS	% CF TOTAL FECS	CUM % CF TOTAL RECS
1	10135.	17.1	35.871
2	20135.	17.1	46.070
3	141168.	17.1	53.246
4	141112.	17.1	60.191
5	141112.	17.1	67.556
6	141112.	17.1	73.647
7	141112.	17.1	78.010
8	141112.	17.1	81.576
9	141112.	17.1	84.082
10	141112.	17.1	85.502
11	141112.	17.1	86.942
12	141112.	17.1	87.672
13	141112.	17.1	88.525
14	141112.	17.1	88.508
15	141112.	17.1	89.582
16	141112.	17.1	89.764
17	141112.	17.1	89.512
18	141112.	17.1	89.512
19	141112.	17.1	89.512
20	141112.	17.1	89.512
21	141112.	17.1	89.512
22	141112.	17.1	89.512
23	141112.	17.1	89.512
24	141112.	17.1	89.512
25	141112.	17.1	89.512
26	141112.	17.1	89.512
27	141112.	17.1	89.512
28	141112.	17.1	89.512
29	141112.	17.1	89.512
30	141112.	17.1	89.512
31	141112.	17.1	89.512
32	141112.	17.1	89.512
33	141112.	17.1	89.512
34	141112.	17.1	89.512
35	141112.	17.1	89.512
36	141112.	17.1	89.512
37	141112.	17.1	89.512
38	141112.	17.1	89.512
39	141112.	17.1	89.512
40	141112.	17.1	89.512
41	141112.	17.1	89.512
42	141112.	17.1	89.512
43	141112.	17.1	89.512
44	141112.	17.1	89.512
45	141112.	17.1	89.512
46	141112.	17.1	89.512
TOTAL	191434.	100.0	100.000

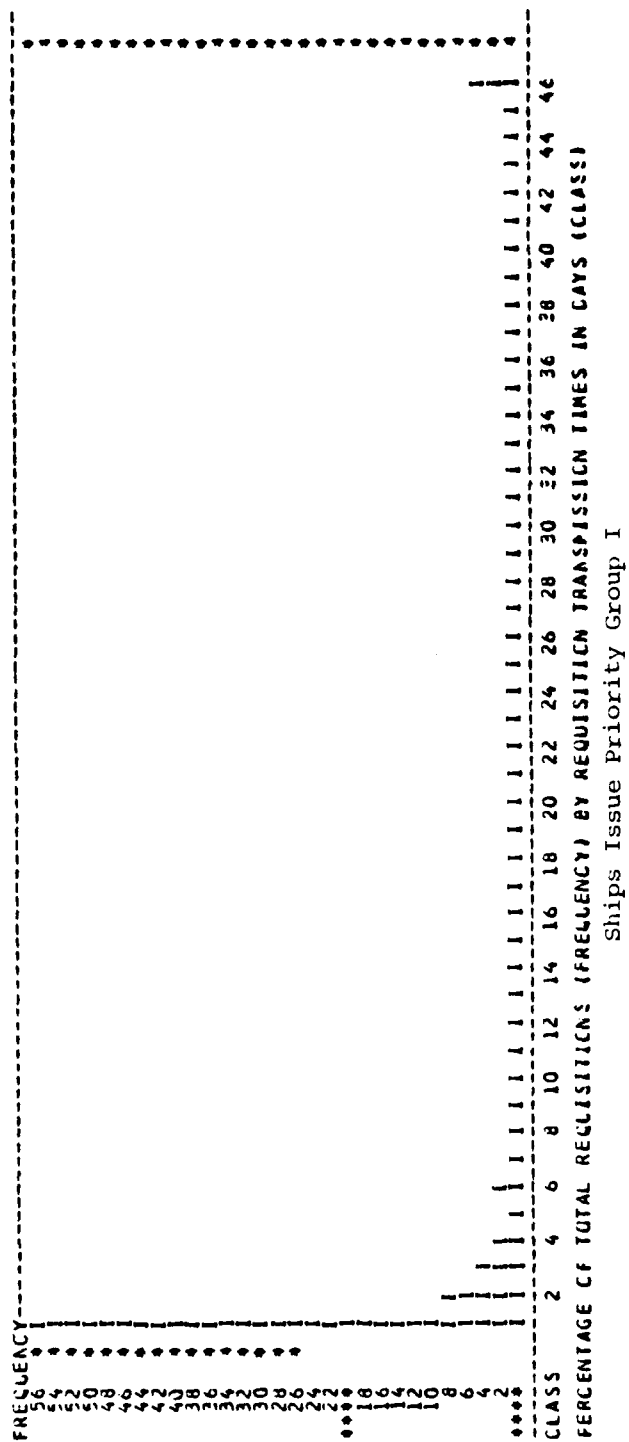


Shore Station Issue Priority Group III



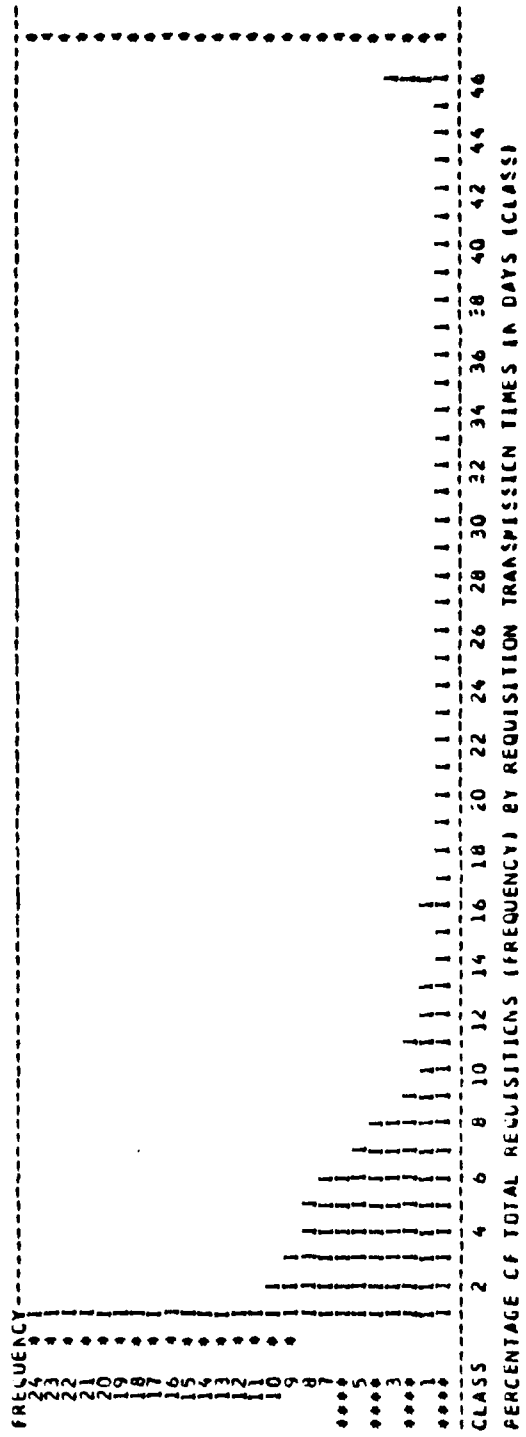
***** SHIPS GROUP 1 RECLUTION TRANSMISSION TIMES **

DAYS	RECLUTIONS	# OF TOTAL FEES	CUM # OF TOTAL RECLS
1	2015	553	553
2	176	66545	66545
3	171	71495	71495
4	93	76368	76368
5	77	80971	80971
6	36	82066	82066
7	29	83490	83490
8	29	83555	83555
9	22	86940	86940
10	22	87823	87823
11	20	88383	88383
12	19	88642	88642
13	18	88716	88716
14	20	89120	89120
15	20	90161	90161
16	19	90429	90429
17	11	90538	90538
18	11	90622	90622
19	8	91047	91047
20	8	91355	91355
21	3	91524	91524
22	3	91748	91748
23	5	91897	91897
24	11	92197	92197
25	11	92506	92506
26	11	92583	92583
27	1	92583	92583
28	1	92583	92583
29	1	92583	92583
30	1	92583	92583
31	1	92583	92583
32	1	92583	92583
33	1	92583	92583
34	1	92583	92583
35	1	92583	92583
36	1	92583	92583
37	1	92583	92583
38	1	92583	92583
39	1	92583	92583
40	1	92583	92583
41	1	92583	92583
42	1	92583	92583
43	1	92583	92583
44	1	92583	92583
45	1	92583	92583
46	1	92583	92583
TOTAL	305	100000	100000

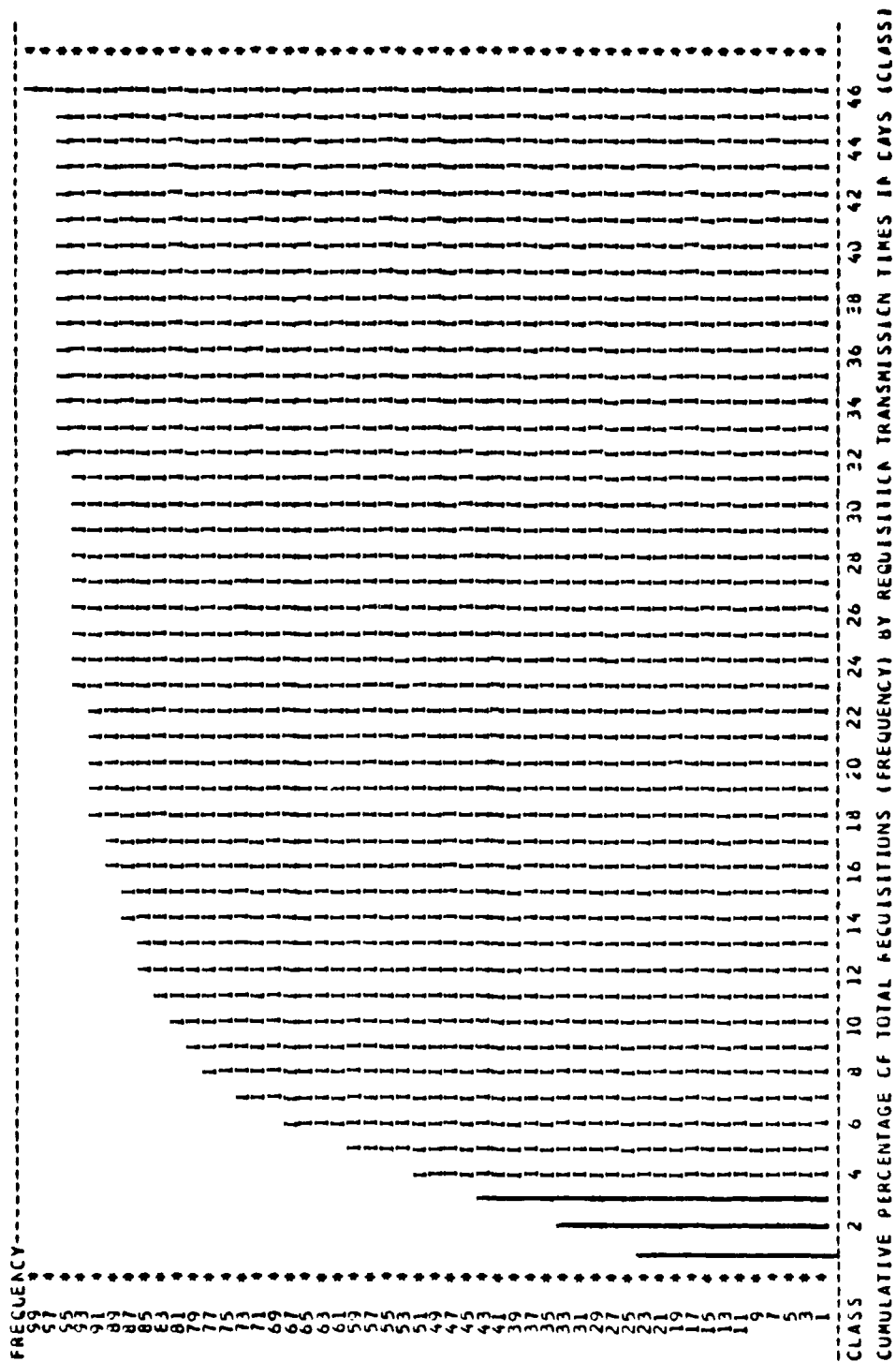


***** SHIPS GROUP 2 RECEIPT TRANSMISSION TIMES **
 DAYS REQUISITIONS & CF TOTAL FECS CUM R CF TOTAL REQAS

1	3309.	24	208
2	31202.	34	525
3	12348.	43	917
4	11226.	52	031
5	11269.	60	083
6	11031.	73	182
7	11012.	77	692
8	11274.	80	125
9	11275.	81	650
10	11277.	84	177
11	11278.	85	548
12	11279.	86	747
13	11280.	87	728
14	11281.	88	902
15	11282.	89	702
16	11283.	90	672
17	11284.	91	101
18	11285.	91	508
19	11286.	92	509
20	11287.	92	869
21	11288.	93	470
22	11289.	93	439
23	11290.	93	304
24	11291.	94	473
25	11292.	94	629
26	11293.	94	775
27	11294.	94	991
28	11295.	95	088
29	11296.	95	218
30	11297.	95	317
31	11298.	95	427
32	11299.	95	588
33	11300.	95	700
34	11301.	95	854
35	11302.	96	184
36	11303.	96	333
37	11304.	96	534
38	11305.	96	799
39	11306.	96	920
40	11307.	100	000
41	11308.		
42	11309.		
43	11310.		
44	11311.		
45	11312.		
46	11313.		
47	11314.		
48	11315.		
49	11316.		
50	11317.		
51	11318.		
52	11319.		
53	11320.		
54	11321.		
55	11322.		
56	11323.		
57	11324.		
58	11325.		
59	11326.		
60	11327.		
61	11328.		
62	11329.		
63	11330.		
64	11331.		
65	11332.		
66	11333.		
67	11334.		
68	11335.		
69	11336.		
70	11337.		
71	11338.		
72	11339.		
73	11340.		
74	11341.		
75	11342.		
76	11343.		
77	11344.		
78	11345.		
79	11346.		
80	11347.		
81	11348.		
82	11349.		
83	11350.		
84	11351.		
85	11352.		
86	11353.		
87	11354.		
88	11355.		
89	11356.		
90	11357.		
91	11358.		
92	11359.		
93	11360.		
94	11361.		
95	11362.		
96	11363.		
97	11364.		
98	11365.		
99	11366.		
100	11367.		
TOTAL	0.		



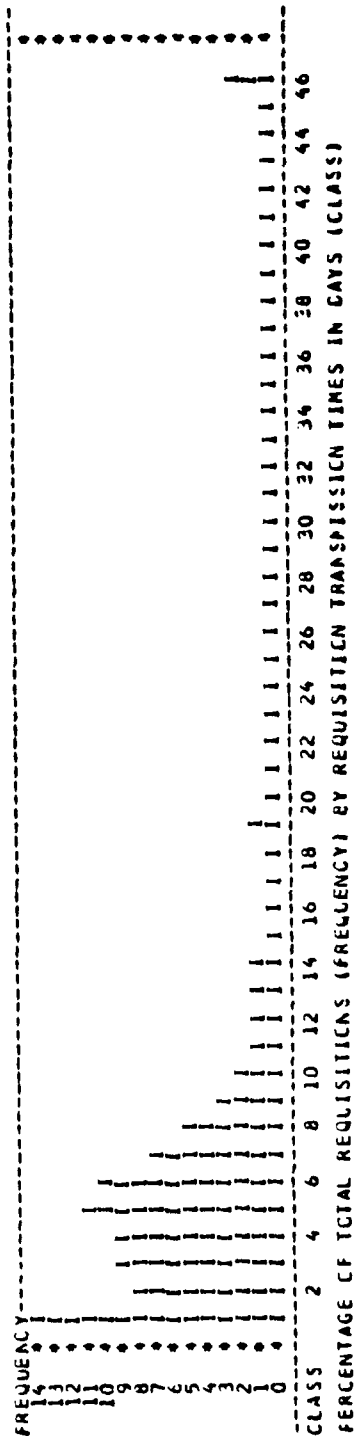
Ships Issue Priority Group II



Ships Issue Priority Group II

***** SHIPS GROUP 3 REQUESTION TRANSMISSION TIMES **
 DAYS REQUESTIONS 8 CF 1000 FECS CUM 8 CF TOTAL RECS

1	1699.	14.432	14.432
2	19238.	23.1335	37.5655
3	21115.	32.081	69.6465
4	225707.	54.2122	123.8587
5	22215.	64.2528	188.1115
6	11115.	77.4457	265.5572
7	11115.	80.5113	346.0685
8	11115.	82.625	428.6935
9	11115.	84.688	513.3815
10	11115.	86.759	600.1405
11	11115.	88.834	688.9745
12	11115.	89.4114	778.3859
13	11115.	90.583	868.969
14	11115.	92.062	961.031
15	11115.	92.528	1053.559
16	11115.	93.004	1146.563
17	11115.	93.822	1240.385
18	11115.	94.977	1335.362
19	11115.	95.140	1430.502
20	11115.	95.314	1525.816
21	11115.	95.680	1621.496
22	11115.	96.234	1717.73
23	11115.	96.709	1814.439
24	11115.	96.915	1911.354
25	11115.	97.087	2008.441
26	11115.	97.227	2105.668
27	11115.	97.403	2203.071
28	11115.	97.509	2300.58
29	11115.	97.577	2398.157
30	11115.	97.586	2495.743
31	11115.	97.600	2593.343
32	11115.	97.600	2690.943
33	11115.	97.600	2788.543
34	11115.	97.600	2886.143
35	11115.	97.600	2983.743
36	11115.	97.600	3081.343
37	11115.	97.600	3178.943
38	11115.	97.600	3276.543
39	11115.	97.600	3374.143
40	11115.	97.600	3471.743
41	11115.	97.600	3569.343
42	11115.	97.600	3666.943
43	11115.	97.600	3764.543
44	11115.	97.600	3862.143
45	11115.	97.600	3959.743
46	11115.	97.600	4057.343
TOTAL	0.	100.000	4057.343



Ships Issue Priority Group III

FREQUENCY																								
		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
CLASS		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
CUMULATIVE PERCENTAGE OF TOTAL ACQUISITIONS (FREQUENCY) BY REQUESTION TRANSMISSION TIMES IN DAYS (CLASS)		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
99	1																							
57	1																							
55	1																							
53	1																							
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Ships Issue Priority Group III

Ships Issue Priority Group III

APPENDIX K

LOCAL CUSTOMER AGGREGATE DEMAND PATTERNS

NSC LOCAL CUSTOMER DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	HCN	IVE	ALJ	ITU	EG1	SBJ	TOTAL
	C	C	U	U	U	U	U
5219	1150	10091	1278	10103	8062	1107	50210
1703	5394	6653	4311	3852	4034	2223	28270
2507	4683	5616	3754	3822	3494	400	24268
3605	662	135	3230	3016	2836	664	14148
1672	2345	U	U	U	U	U	4217
14506	20813	22451	13573	20444	19026	5078	122591

MONTHLY DEMAND

	JANUARY	1980	*****
U	2528	5509	8035
1556	4136	4434	4363
2098	5421	5484	5307
774	5550	4587	4471
1606	5277	4641	3229
6034	20384	22280	23282
			24573
			22689
			6916
			2786
			1620
			670
			1842
			U
			18032
			126160
			25970
			26438
			28356
			26864
			U
			18032
			126160

MONTHLY DEMAND

	FEBRUARY	1980	*****
U	U	U	U
2071	5045	4326	5773
1346	5633	7167	3445
248	2609	6032	2393
586	6568	4804	4037
5271	19875	22265	13336
			22160
			28351
			6656
			2581
			2411
			482
			1376
			U
			24074
			122940
			10783
			30710
			32814
			23859
			U
			24074
			122940

MONTHLY DEMAND

	MARCH	1980	*****
U	U	U	U
1690	3814	5450	4359
614	5709	7201	4481
1435	4629	6034	4482
427	6334	5264	2771
829	3874	U	U
4425	24360	23951	11293
			18768
			17778
			3631
			1225
			740
			418
			426
			818
			4703
			112146

MONTHLY DEMAND

MONTHLY DEMAND

APRIL 1980	
0	5950
5085	4214
5115	4247
5167	4571
5767	3620
2451	8082
5100	4402
2702	0
24314	21722
17033	147280

MONTHLY DEMAND

MAY 1980	
0	0
513	4114
1632	3093
2107	3862
516	4380
5308	4082
18829	4562
5308	20739
5308	112560

MONTHLY DEMAND

JUNE 1980	
1192	4166
4452	3922
1777	7131
1214	3079
577	4316
4234	0
27412	18448
4234	123806

MONTHLY DEMAND

JULY 1980	
0	6211
5212	1104
6921	4658
3844	4601
5016	5928
21203	0
3508	16291
3508	137466

		***** AUGUST 1980 *****			
	0	C	0	C	
2000	5923	5618	5253	5228	4654
1255	4876	5375	3244	6396	3740
1335	6618	6314	4723	5613	4635
3506	4878	4332	3069	6015	6383
1315	0	C	0	C	3504
10711	22555	21695	23289	23501	0
					21064
MONTHLY DEMAND					9550
					2379
					2542
					815
					2105
					1305
					0
					1315
					131430

		***** SEPTEMBER 1980 *****			
	0	C	0	C	
1000	5107	5685	4136	5555	6337
1420	4770	6066	3304	5064	4560
2673	6362	4450	4184	4965	6583
216	5451	4755	0	C	5236
11577	22430	27043	24351	25710	0
					22706
MONTHLY DEMAND					8482
					3427
					1433
					2624
					556
					0
					10542
					143205
					70463
					1201590
TOTAL DEMAND					

APPENDIX L

TOP 26 LOCAL CUSTOMER INDIVIDUAL DEMAND PATTERNS

UIC 60258. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980										
SUB	BLN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	TOTAL
***** DECEMBER 1979 *****										
0	0	0	0	0	0	0	0	0	0	0
0	802	540	182	449	375	0	0	0	0	2348
0	354	410	255	264	429	0	0	0	0	1712
0	439	206	283	254	10	1	0	0	0	1233
0	0	1	0	1	0	0	0	0	0	2
0	253	0	0	0	0	0	0	0	0	253
0	1848	1157	720	1000	814	1	0	0	0	5548
MONTHLY DEMAND										
***** JANUARY 1980 *****										
0	0	0	522	611	175	0	0	0	0	1308
0	706	310	575	217	356	0	0	0	0	1664
0	140	166	119	422	249	0	0	0	0	1244
0	330	226	212	151	779	0	0	0	0	1698
0	353	427	189	264	0	0	0	0	0	1233
0	1029	1125	1717	1705	1559	0	0	0	0	7147
MONTHLY DEMAND										
***** FEBRUARY 1980 *****										
0	0	0	0	0	518	0	0	0	0	518
483	1225	137	369	352	430	1	0	0	0	2969
0	390	329	552	355	437	0	0	0	0	2068
0	0	306	388	337	583	1	0	0	0	1615
0	394	351	372	356	347	0	0	0	0	1862
483	2009	1134	1681	1406	2317	2	0	0	0	9032
MONTHLY DEMAND										
***** MARCH 1980 *****										
0	0	0	0	0	0	0	0	0	0	0
5	560	451	392	682	465	0	0	0	0	2545
0	438	277	378	227	306	0	0	0	0	1696
480	1040	878	1176	403	264	0	0	0	0	4241
0	336	448	377	284	241	0	0	0	0	1686
0	510	0	0	0	0	0	0	0	0	510
485	2854	2054	2313	1656	1276	0	0	0	0	10678
MONTHLY DEMAND										

CONTINUATION OF USC 6025E.

APRIL		1980	
0	826	530	1054
0	587	361	412
0	353	266	222
0	208	236	446
0	500	362	6
0	1648	2076	2235
MONTHLY DEMAND		1616	1916

MAY		1980	
0	0	0	572
0	247	382	193
12	324	154	262
0	620	334	430
302	31	552	228
314	1232	1423	1213
MONTHLY DEMAND			1660

JUNE		1980	
0	712	209	164
0	511	515	1377
0	394	439	234
0	308	321	182
0	432	0	0
0	2467	1544	1657
MONTHLY DEMAND			1737

JULY		1980	
0	0	461	336
0	251	232	212
0	290	232	152
0	350	156	250
0	347	231	180
0	1238	1482	1130
MONTHLY DEMAND			1685

CONTINUATION OF UIC 60258.

		AUGUST 1980											
		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	314	209	246	272	347	347	0	0	0	0	83
COG	5L 1H	0	335	170	327	310	282	2	2	2	2	2	1389
TOTAL	62 7587	0	281	330	319	309	303	0	0	0	0	0	1626
COG	5L 1H	0	367	200	242	316	322	5	5	5	5	5	1539
TOTAL	62 7587	0	0	0	0	0	0	0	0	0	0	0	1474
COG	5L 1H	0	1317	509	1134	1210	1334	7	7	7	7	7	5911
TOTAL	62 7587	0	0	0	0	0	0	0	0	0	0	0	0

MONTHLY DEMAND

SEPTEMBER 1980

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	509	533	384	462	510	0	0	0	0	0	1838
COG	5L 1H	4	491	338	336	456	256	0	0	0	0	0	2358
TOTAL	62 7587	1	284	243	193	306	283	0	0	0	0	0	1879
COG	5L 1H	0	269	493	0	0	0	0	0	0	0	0	1315
TOTAL	62 7587	5	1553	2284	1256	1403	1497	0	0	0	0	0	768

MONTHLY DEMAND

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	17185	15185	14337	15545	14205	54	54	54	54	54	78310

TOTAL DEMAND

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	113	17221	7027	20419	15594	208	194	194	194	194	2692

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	31	11	93	25	1	43	43	43	43	43	108

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	27	25	1	10	10	4	4	4	4	4	2

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	17	25	1	10	10	4	4	4	4	4	2

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	1	8	6	4	4	4	4	4	4	4	0

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	1	8	6	4	4	4	4	4	4	4	0

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	1	8	6	4	4	4	4	4	4	4	0

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	1	8	6	4	4	4	4	4	4	4	0

		0	1	2	3	4	5	6	7	8	9	0	1
COG	5L 1H	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	62 7587	0	1	8	6	4	4	4	4	4	4	4	0

END UIC 60258.

UIC 00244. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	BCN	IVE	DEC	1979	EBI	SAL	TOTAL
0	0	0	0	0	0	0	0
788	578	378	460	358	911	0	3693
7	474	967	412	193	283	0	2338
2	613	165	176	278	491	0	1725
0	0	0	186	150	246	0	582
0	37	0	0	0	0	0	37
MONTHLY DEMAND	757	1512	1214	1015	1931	0	8175

***** JANUARY 1980 *****

0	0	0	420	153	535	11	1122
326	328	217	664	455	312	0	2142
824	465	206	276	465	268	0	2704
3	405	223	332	576	425	0	1964
1	347	235	250	462	0	0	1285
MONTHLY DEMAND	1154	883	1712	2355	1540	11	9217

***** FEBRUARY 1980 *****

0	0	0	0	0	262	0	262
0	389	226	179	494	74	0	1362
1	35	644	117	427	229	0	1453
4	0	417	277	517	509	0	1724
0	254	232	222	156	573	0	1627
MONTHLY DEMAND	5	778	1561	1634	1647	0	6428

***** MARCH 1980 *****

0	0	0	0	0	0	536	536
2	135	174	206	368	215	0	1101
4	169	356	200	469	245	0	1481
8	304	246	150	722	215	0	1646
0	315	203	126	437	253	0	1334
10	301	0	0	0	0	0	311
MONTHLY DEMAND	24	1224	1017	1551	928	536	6405

CONTINUATION OF UIC 00244.

		APRIL		1980			
	0	0	140	32	585	533	0
	0	332	142	342	321	393	1606
	2	502	374	242	400	405	0
	1	480	222	366	400	204	4
	2	266	258	209	0	0	0
MONTHLY DEMAND	5	1580	1134	1231	1720	1535	1610

MONTHLY DEMAND 1610 8819

		MAY		1980			
	0	0	0	0	229	315	0
	1	214	233	236	517	181	0
	3	389	395	314	269	374	42
	1	203	273	339	528	201	0
	0	0	158	252	411	13	500
MONTHLY DEMAND	5	806	1033	1141	2124	1084	542

MONTHLY DEMAND 542 6792

		JUNE		1980			
	12	203	243	264	540	159	C
	0	132	311	229	862	383	0
	3	385	411	213	277	189	1
	1	142	147	260	371	400	0
	3	329	0	0	0	0	0
MONTHLY DEMAND	19	1241	1012	366	2050	1131	1

MONTHLY DEMAND 1 6420

		JULY		1980			
	0	0	243	368	475	0	145
	103	201	323	293	622	280	1035
	0	95	526	356	445	288	C
	3	260	327	440	406	185	0
	1	376	275	370	449	0	0
MONTHLY DEMAND	107	932	1734	1827	2397	753	1180

MONTHLY DEMAND 1180 8930

CONTINUATION OF UIC 00244.

		***** AUGUST 1980 *****			
0	0	0	0	0	148
2	276	259	338	312	240
2	244	288	372	473	298
2	191	264	77	360	219
3	385	316	284	520	266
0	0	0	0	0	0
9	1056	1131	1371	1725	1171
MONTHLY DEMAND					38
					6201

***** SEPTEMBER 1980 *****

0	3	150	336	465	12	806	1778
2	395	258	278	514	416	2	1905
1	196	323	391	425	262	2	1604
1	297	547	503	483	414	0	2265
0	375	711	0	0	0	0	1086
4	1266	2055	1538	1851	1134	810	6638
MONTHLY DEMAND							

TOTAL DEMAND	2129	12130	13138	12167	18912	12824	4725	76029
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CCG	9C	9H	9G	2H	9U	7L	1H	5F	11	91	4G	1A	CX
TOTAL	2213	10515	1135	5982	112	6317	708	43	14	2383	115	2	64

CCG	4N	AX	9Y	GG	9K	6G	7A	7	9D	12	8A	2P	9X
TOTAL	36	94	257	1	91	69	6	3	144	24	6	16	26

CCG	9I	25	KZ	78	8X	5F	21	7A	6U	41	9J	9N	1R
TOTAL	9	176	13	9	103	103	26	1034	34	19	38	8	26

CCG	0X	6P	2J	6M	6A	4R	7M	7J	12	26	0	0	0
TOTAL	48	10	31	12	2	13	5	3	12	26	0	0	0

END UIC 00244.

UIC 65000. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL
0	0	0	0	0	0	220	220
174	613	477	661	585	703	346	3565
48	594	289	277	324	390	107	2039
110	282	307	318	324	259	0	1592
0	0	0	174	232	147	1	555
0	65	0	0	0	0	0	65
332	1554	1015	1420	1480	1499	676	8036

MONTHLY DEMAND

SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL
0	0	0	0	0	0	24	680
0	230	220	235	214	261	5	1219
0	304	274	323	230	405	75	1711
46	355	351	358	309	283	54	1796
34	351	374	311	226	0	0	1301
85	1240	1254	1526	1202	1133	162	6707

MONTHLY DEMAND

SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL
0	0	0	0	0	0	80	538
148	336	404	415	342	333	181	2159
0	396	411	244	518	352	67	1488
12	25	368	236	355	258	135	1433
1	341	252	247	132	423	0	1442
161	1094	1433	1142	1427	1824	463	7560

MONTHLY DEMAND

SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL
0	0	0	0	0	0	188	188
0	312	211	378	241	295	125	1732
19	446	326	419	254	318	71	1855
43	407	288	291	338	464	86	1917
0	413	273	246	256	364	30	1619
0	288	0	0	0	0	0	288
62	1926	1153	1374	1129	1441	506	7603

MONTHLY DEMAND

CONTINUATION OF UIC 65888.

		APRIL		1980			
0	0	247	226	245	258	86	1062
0	234	366	194	341	274	50	1474
0	343	343	305	217	297	100	1605
0	229	281	241	353	272	78	1460
0	371	325	335	0	0	0	1031
0	1177	1568	1301	1176	1101	314	6637
MONTHLY DEMAND							

		MAY		1980			
0	0	0	0	213	247	81	541
1	337	432	220	267	226	26	1515
0	411	323	324	361	354	130	1900
2	295	347	250	316	403	0	1613
0	59	213	247	338	363	61	1287
3	1102	1324	1041	1495	1593	298	6856
MONTHLY DEMAND							

		JUNE		1980			
61	388	401	508	212	274	126	1970
58	329	363	480	452	402	75	2168
0	554	394	267	283	256	44	1838
0	305	194	520	338	399	28	1584
0	312	3	0	0	0	0	312
119	1528	1357	1575	1285	1331	277	7872
MONTHLY DEMAND							

		JULY		1980			
0	0	294	209	242	4	0	749
0	239	260	201	302	192	40	1234
36	382	413	538	322	425	50	2166
17	341	263	284	371	429	57	1764
13	544	463	252	327	0	0	1595
66	1506	1695	1484	1564	1050	147	7512
MONTHLY DEMAND							

CONTINUATION OF UIC 65888.

		AUGUST		1980			
	0	0	0	0	0	322	28
	45	356	334	10	313	452	105
	47	418	353	343	329	240	16
	5	350	235	319	378	304	29
	0	261	327	382	413	264	34
	1	0	0	0	0	0	0
MONTHLY DEMAND	58	1385	1228	1414	1443	1582	212
							7402

SEPTEMBER 1980

	0	4	367	351	301	357	112	1492
	0	378	327	281	342	283	78	1616
	7	342	331	288	376	419	117	1982
	0	501	403	278	602	478	75	2358
	18	428	395	0	0	0	0	845
MONTHLY DEMAND	25	1633	1874	1218	1623	1534	386	8293

TOTAL DEMAND	951	14549	13970	13535	13944	14088	3441	74478
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		98		99		90		91		92		93	
CGG	47	1K	9H	SC	9V	9G	9C	1M	2R	5R	9J	9S	90
TOTAL	32607	2314	15293	7157	147	6270	508	173	130	350	41	467	4

CGG	BM	94	9R	5L	9D	92	91	9Y	9Y	9R	9F	9L	9X
TOTAL	1	28	2	243	3	85	1	4	153	13	3	2	8

CGG	9K	9E	5A	6G	0	67	94	94	94	94	94	94	94
TOTAL	14	1	8	3	1	1	1	1	1	1	1	1	1

END UIC 65888.

UIC 00246. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	MLB	IME	DEQ	ITL	EBI	SBI	TOTAL
***** DECEMBER 1979 *****							
0	0	0	0	0	0	18	18
14	313	641	1013	771	176	10	2938
14	472	520	441	255	95	2	1844
5	95	506	410	253	106	0	1375
0	0	5	178	254	100	3	540
1	592	0	0	0	0	0	593
34	1472	1672	2042	1577	477	34	7308
MONTHLY DEMAND							
***** JANUARY 1980 *****							
0	0	0	170	217	231	3	721
17	292	306	316	225	178	17	1361
25	305	382	386	397	322	27	1844
12	163	341	137	560	246	120	1602
0	410	232	325	222	0	0	1307
54	1178	1354	1334	1741	977	167	6835
MONTHLY DEMAND							
***** FEBRUARY 1980 *****							
0	0	0	0	0	216	2	218
1	257	230	258	278	281	4	1414
3	394	406	306	232	227	4	1575
4	2	573	284	288	295	1	1444
8	314	403	225	223	198	0	1461
16	1047	1713	1073	1622	1219	11	6112
MONTHLY DEMAND							
***** MARCH 1980 *****							
0	0	0	0	0	0	17	17
2	364	212	327	376	239	7	1607
3	201	300	234	266	72	13	1184
4	332	326	289	274	232	6	1403
7	524	321	363	100	353	11	1687
12	210	0	0	0	0	0	222
28	1721	1252	1213	1016	896	54	6180
MONTHLY DEMAND							

CONTINUATION OF UIC 00246.

		***** APRIL		1980 *****			
	0	0	369	159	316	231	2
	6	415	277	277	461	235	2
	11	387	307	127	178	267	3
	27	319	523	312	234	311	4
	5	364	363	281	0	0	0
MONTHLY DEMAND	49	1635	1833	1156	1185	1044	11
***** MAY							
	0	0	0	0	250	247	4
	2	205	220	286	286	184	5
	1	183	374	348	222	417	12
	2	303	345	311	150	267	4
	7	9	443	310	274	263	8
MONTHLY DEMAND	12	790	1414	1255	1324	1378	33
***** JUNE							
	6	325	261	338	266	283	2
	10	386	548	438	272	367	2
	6	273	393	185	608	154	3
	4	318	265	321	268	404	10
	9	182	0	0	0	0	0
MONTHLY DEMAND	35	1484	1513	1432	1414	1212	18
***** JULY							
	0	0	678	332	270	0	1
	0	175	154	336	321	284	32
	60	412	348	235	351	213	0
	7	324	220	228	182	203	6
	0	166	335	456	111	0	0
MONTHLY DEMAND	67	1077	2041	1987	1235	707	39
							6546

UIC 03361. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1975 THRU SEPTEMBER 1980

SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL
0	0	0	0	0	0	6	6
0	234	68	60	40	13	0	395
2	94	105	34	73	47	0	355
2	81	67	52	59	25	0	287
0	0	0	60	18	77	28	183
1	4	0	0	0	0	0	5
6	413	240	186	150	162	34	1231
MONTHLY DEMAND							

JANUARY 1980							
0	0	0	62	152	27	53	294
44	89	136	130	57	146	0	652
0	72	48	42	32	47	57	298
47	339	103	192	101	93	55	920
46	136	157	135	155	0	0	629
137	636	444	601	497	313	165	2793
MONTHLY DEMAND							

FEBRUARY 1980							
0	0	0	0	0	190	144	334
880	236	131	820	564	139	92	2863
1	375	167	49	245	129	50	1020
49	51	233	66	36	548	731	1684
710	749	730	816	143	43	0	3211
1640	1411	1231	1751	1012	1049	1018	9112
MONTHLY DEMAND							

MARCH 1980							
0	0	0	0	0	0	121	121
398	95	50	113	50	52	5	809
0	592	828	435	122	42	7	2026
1	74	420	208	172	199	76	1150
66	79	113	6	618	457	117	1456
63	99	0	0	0	0	0	162
528	939	1417	762	1002	750	326	5724
MONTHLY DEMAND							

CONTINUATION OF UIC 03301.

	APRIL		1980		
0	0	191	71	144	132
0	84	71	167	222	165
152	128	220	1224	458	119
1	235	133	360	232	177
247	562	852	169	0	0
400	1409	1514	1991	1656	593
MONTHLY DEMAND					946
					7949

	MAY		1980		
0	0	0	0	57	91
1	222	42	18	68	14
4	653	1375	942	189	27
0	37	52	31	47	44
424	0	136	46	178	547
429	912	1675	1037	565	723
MONTHLY DEMAND					2057
					7332

	JUNE		1980		
263	199	232	357	162	177
69	149	61	92	38	1791
30	102	249	19	68	12
196	98	33	725	519	35
2	32	3	0	0	0
610	580	570	1193	748	2015
MONTHLY DEMAND					503
					6259

	JULY		1980		
0	0	25	26	40	1
3	852	971	47	60	70
194	91	141	112	165	133
7	223	57	24	47	88
12	81	1251	683	607	0
216	1267	2343	892	563	292
MONTHLY DEMAND					961
					6956

CONTINUATION OF UIC 03361.

..... AUGUST 1980											
0	0	0	0	0	0	0	0	0	0	0	0
1	27	22	18	114	66	1256	1506	504	4509	1945	670
45	52	33	26	22	106	80	504	4509	1945	670	9238
519	631	1384	772	217	730	196	1002	2545	57509	8674	57509
221	479	185	41	6	15	0	0	0	0	0	0
670	0	0	0	0	0	0	0	0	0	0	0
1456	1189	1684	857	455	1004	2545	57509	8674	57509	8674	57509

MONTHLY DEMAND

..... SEPTEMBER 1980

0	1	43	16	26	27	1	114	260	372	156	13	915
6	27	13	16	65	82	54	260	372	156	13	915	915
63	43	67	50	38	56	55	372	156	13	915	915	915
79	42	27	0	2	1	5	156	13	915	915	915	915
133	121	147	82	131	166	115	915	915	915	915	915	915

MONTHLY DEMAND

TOTAL DEMAND 5615 8897 11191 1552 6707 7067 8674 57509

CGG	9C	9H	9J	4N	6M	9V	7J	PK	CY	LR	9Z	CA	IM	SC	2R
TOTAL	253	15923	9670	243	18	270	272	67	2270	1001	9492	17	2258	4403	235

CGG	5R	9L	9Y	5C	2130	91	46	1A	5F	4C	66	5A	5M	FA	95
TOTAL	209	1175	160	9	2130	73	436	4	227	6	22	94	11	6	12

CGG	9C	KZ	2W	6V	27	4A	3P	4A	2H	5P	IM	9H	4K	5M	2V
TOTAL	28	274	1	2	13	30	6	2	42	2	1	67	1	35	3

CGG	2E	25	2N	55	6U	2K	IM	4E	4E	91	2A	4	0	0	0
TOTAL	11	12	2	10	2	2	2	1	1	1	1	1	0	0	0

END UIC 03361.

UIC 45018. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUN	MLW	JUE	DEU	THU	FRI	SAT	TOTAL
0	0	0	0	0	0	1	1
0	336	184	182	471	649	0	1813
0	330	243	127	121	337	0	1155
0	95	4	231	5	124	0	467
0	0	0	242	86	80	0	408
0	22	0	0	0	0	0	22
0	783	432	782	687	1181	1	3866
MONTHLY DEMAND							

***** JANUARY 1980 *****

0	0	0	169	105	143	0	417
0	206	177	263	149	2111	725	3631
2	138	57	37	268	177	0	779
1	126	123	146	265	515	0	1122
0	170	54	105	233	0	0	606
3	640	497	780	564	2946	725	6555
MONTHLY DEMAND							

***** FEBRUARY 1980 *****

0	0	0	0	0	123	0	123
0	89	13	254	110	614	0	1080
14	211	64	244	155	124	0	856
1	0	156	69	150	722	0	1098
0	241	15	35	185	65	0	609
15	541	256	662	644	1648	0	3766
MONTHLY DEMAND							

***** MARCH 1980 *****

0	0	0	0	0	0	0	0
0	89	355	34	225	182	0	895
0	197	255	342	213	730	0	1757
1	330	139	541	110	176	0	1297
0	145	313	157	58	824	0	1537
0	57	0	0	0	0	0	57
1	818	1062	1694	656	1912	0	5543
MONTHLY DEMAND							

CONTINUATION OF JIC 65918.

***** APRIL 1980 *****	
0	323 96 173 173 0 768
1	141 304 162 439 113 0 1160
0	369 147 312 454 198 0 2110
0	557 252 465 201 168 0 1643
0	327 304 113 0 0 0 824
1	1374 1333 1858 1267 652 0 6505

MONTHLY DEMAND

***** MAY 1980 *****	
0	0 0 238 98 0 336
0	263 244 248 245 69 0 1069
0	197 233 232 146 79 2 949
0	244 151 138 66 127 0 748
0	0 35 147 172 82 3 443
0	704 727 765 667 457 5 3545

MONTHLY DEMAND

***** JUNE 1980 *****	
0	124 133 121 146 150 0 679
0	287 170 215 136 350 1 1159
0	362 364 177 247 155 0 1310
0	77 143 151 180 76 0 627
0	289 0 0 0 0 0 289
0	1139 823 664 765 731 1 4064

MONTHLY DEMAND

***** JULY 1980 *****	
0	134 415 224 0 0 783
0	489 469 592 151 208 0 1949
1	159 62 346 556 533 0 1662
1	30 233 191 284 1842 842 3393
3	200 270 6 472 0 0 971
5	878 1158 1553 1737 2588 842 8758

MONTHLY DEMAND

CONTINUATION OF UIC 6518.									
***** AUGUST 1980 *****									
	0	0	0	0	0	0	0	0	0
	0	169	117	522	133	196	0	1137	0
	4	141	113	563	424	149	1	1195	1
	C	372	373	96	271	1353	0	2455	0
	0	303	251	19	228	268	0	1069	0
	0	0	0	0	0	0	C	0	0
MONTHLY DEMAND	4	585	851	1000	1056	2427	1	6324	1

MONTHLY DEMAND

***** SEPTEMBER 1980 *****

	0	0	2	219	194	134	0	576
0	174	484	519	286	52	1	1521	1
1	153	454	183	101	34	0	923	0
0	299	245	949	78	201	0	1772	0
1	254	45	0	0	0	0	320	0
2	880	1232	1867	655	421	1	5112	1
MONTHLY DEMAND								

31	8762	8414	11022	9266	14963	1576	54032
TOTAL DEMAND							

CCG	4N	92	97	9C	2R	9V	1G	1J	1H	5F	KZ	CX	9K	9Y	
TOTAL	4287	3873	1756	14471	2	57	3322	5	3752	27	2825	13	26	46	110

CCG	AP	2H	4G	1H	4A	CV	PL	2Z	5H	9E	9T	9U
TOTAL	24	112	124	29	2	576	115	7	26	3	31	41

CCG	qx	GG	CL	SA	q1	SA	JP	CL	PA	GA	95	21	HM	1A	2J	19
TOTAL	7	20	17	4	8	12	2	5	5	10	14	12	9	1		

CCG	9M	25	5	07	0	0	0	0	0
TOTAL	101	1	19	5	0	0	0	0	0

END OF ONE

UIC 60259. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUN	MEN	TUE	WED	THU	ERI	SAT	TOTAL
***** DECEMBER 1979 *****							
0	0	0	0	0	0	34	34
14	316	616	347	370	240	14	1917
12	332	242	309	211	201	2	1309
2	227	184	143	221	169	0	946
14	0	0	156	162	214	17	563
1	43	0	0	0	0	0	44
43	518	1042	455	564	824	67	4813
MONTHLY DEMAND							

***** JANUARY 1980 *****							
0	0	30	211	272	191	19	723
9	206	271	252	330	230	22	1320
23	222	271	307	664	442	24	1993
6	418	267	428	281	132	15	1211
3	179	153	419	242	0	0	793
41	1045	942	1117	1805	995	84	6040
MONTHLY DEMAND							

***** FEBRUARY 1980 *****							
0	0	0	0	0	250	14	264
2	337	273	318	285	320	17	1554
16	206	216	217	259	221	16	1253
7	14	168	219	250	160	11	849
10	179	311	269	259	189	0	1217
37	816	1010	1023	1052	1140	58	5137
MONTHLY DEMAND							

***** MARCH 1980 *****							
0	0	0	0	0	0	10	10
14	169	217	182	150	173	4	945
8	427	133	126	145	99	0	1002
17	136	487	118	151	168	13	1132
8	475	317	114	467	223	2	1606
12	142	0	0	0	0	0	154
59	1349	1216	540	557	663	25	4853
MONTHLY DEMAND							

CONTINUATION OF UIC 60259.

	***** APRIL 1980 *****			
0	313	160	225	194
428	236	228	189	218
225	231	188	219	267
216	272	215	215	217
188	150	340	0	0
1057	1214	1131	546	896
MONTHLY DEMAND				63
				1016
				1315
				1159
				1170
				697
				5357

	***** MAY 1980 *****			
0	0	0	205	222
181	221	481	246	180
134	284	253	240	173
175	125	221	150	225
2	250	590	291	311
492	800	1545	1172	1111
MONTHLY DEMAND				69
				433
				1348
				1103
				962
				1464
				5310

	***** JUNE 1980 *****			
165	202	258	265	186
256	432	301	446	272
433	334	245	250	145
205	153	225	212	101
197	0	0	0	0
1256	1121	1129	1214	704
MONTHLY DEMAND				84
				1100
				1898
				1510
				915
				200
				5623

	***** JULY 1980 *****			
0	218	219	308	10
340	233	238	300	142
175	165	446	311	220
267	233	247	255	267
220	232	216	239	0
1002	1011	1366	1413	639
MONTHLY DEMAND				44
				745
				1245
				1370
				1261
				919
				5540

CONTINUATION OF UIC 60259.

		AUGUST		1980			
	0	0	0	0	0	180	54
	13	192	236	352	395	155	160
	12	186	207	156	235	118	9
	4	559	284	171	239	371	14
	40	251	147	236	270	142	13
	30	0	0	0	0	0	0
MONTHLY DEMAND	99	1228	883	715	1139	966	250
							5477

SEPTEMBER 1980

	0	5	206	154	160	252	12	789
	8	126	301	205	201	152	15	1008
	27	232	283	170	199	94	6	1014
	5	247	154	458	201	55	27	847
	3	191	65	0	0	0	0	279
MONTHLY DEMAND	63	801	1030	887	761	553	62	3937

TOTAL DEMAND

	531	10004	10373	13438	11470	8491	810	52087
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CGG 97 9N 95 SC CY KZ 1M 9J 28 1M 9A 90 CL CL
TOTAL 17084 15078 4583 4709 1199 506 137 4939 22 935 271 378 3 1 1807

CGG 9L 4A 5C 4G 5I 9F 9H 6U 5V 2L
TOTAL 1 244 11 6 21 17 3 1 4 5 74 2 3 15 2

CGG 9I 9A 5M 11 2F 4 0 0 0 0 0 0 0 0
TOTAL 5 2 3 2 4 0 0 0 0 0 0 0 0 0

END UIC 60259.

UIC 20132. DAILY SUMMARY OF ACQUISITICS FOR PERIOD DECEMBER 1975 THRU SEPTEMBER 1980

SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL
0	0	0	0	0	0	33	33
0	51	53	40	22	61	0	283
2	13	1	5	110	50	0	181
1	88	1700	324	164	19	0	2596
2	2	0	67	18	11	1	101
1	0	0	0	0	0	0	1
6	154	1799	136	325	141	34	3195
MONTHLY DEMAND							

***** JANUARY 1980 *****							
0	0	753	17	147	36	1	959
1	47	24	65	58	89	4	288
1	112	200	81	51	109	0	634
1	32	302	123	146	16	1	621
2	31	346	31	26	0	0	434
5	222	1738	317	428	250	6	2936
MONTHLY DEMAND							

***** FEBRUARY 1980 *****							
0	0	0	0	0	11	2	13
5	126	32	43	115	172	0	493
0	106	56	61	521	890	8	1642
0	3	34	102	67	21	0	227
2	32	37	63	47	17	0	198
7	267	159	269	750	1111	10	2573
MONTHLY DEMAND							

***** MARCH 1980 *****							
0	0	0	0	0	0	0	0
2	22	535	284	104	85	1	1003
6	30	23	69	153	19	0	340
15	52	535	80	31	54	0	767
6	66	74	787	205	24	0	1167
0	51	0	0	0	0	0	51
29	221	1142	1220	533	182	1	3328
MONTHLY DEMAND							

CONTINUATION OF UIC 20122.

		APRIL		1980			
0	0	45	119	46	43	5	262
6	101	43	125	57	78	0	450
14	1083	43	2	7	106	0	1255
0	106	135	144	107	54	0	516
0	21	63	68	0	0	0	176
20	1311	323	458	257	281	5	2659
MONTHLY DEMAND							

		MAY		1980			
0	0	0	0	28	35	1	64
11	124	171	54	128	20	1	509
0	65	40	162	46	50	4	369
0	62	64	65	75	56	2	325
0	3	36	247	64	88	13	451
11	254	311	528	343	249	22	1718
MONTHLY DEMAND							

		JUNE		1980			
1	41	1863	971	118	126	121	3171
150	123	33	11	10	10	3	346
0	56	26	1559	105	59	1	1806
1	72	167	69	454	41	0	804
4	72	0	0	0	0	0	76
156	364	2095	2540	667	236	125	6203
MONTHLY DEMAND							

		JULY		1980			
0	0	72	110	76	0	1	259
0	95	83	95	314	86	2	681
2	218	32	132	215	43	2	644
2	71	78	52	278	147	61	690
5	76	125	80	366	0	0	654
10	460	396	469	1251	276	66	2928
MONTHLY DEMAND							

CONTINUATION OF UIC 20132.

		AUGUST 1980											
		0	0	0	0	0	0	0	0	0	0	0	0
		52	107	52	154	128	66	194	3	197	3	197	197
		58	94	134	71	317	12	2	608	2	608	2	608
		10	318	31	51	43	1	504	1	504	1	504	504
		2	87	11	30	1520	66	0	1776	0	1776	0	1776
		1	0	3	0	0	0	0	1	1	0	1	1
MONTHLY DEMAND		71	571	342	114	2082	443	72	3765	72	3765	72	3765

SEPTEMBER 1980

		SEPTEMBER 1980											
		0	42	205	60	140	49	64	564	64	564	64	564
		22	80	13	49	500	62	0	723	0	723	0	723
		10	122	51	94	367	895	1	1546	1	1546	1	1546
		1	77	15	69	14	104	5	350	5	350	5	350
		0	123	2	0	0	0	0	125	0	125	0	125
MONTHLY DEMAND		33	444	353	272	1021	1115	70	3308	70	3308	70	3308

		TOTAL DEMAND											
		348	4268	8621	5993	7677	4284	415	32613	415	32613	415	32613

		TOTAL											
		91	90	90	90	90	90	90	90	90	90	90	90
		2016	6073	3612	2551	256	4301	1634	3109	4	58	3578	1275
		91	13	29	14	90	90	90	90	90	90	90	90
		91	13	29	14	90	90	90	90	90	90	90	90
		11	21	6	6	58	58	58	58	58	58	58	58
		3	6	6	6	13	13	13	13	13	13	13	13
		0.8	24	43	51	10	0	0	0	0	0	0	0
		2	10	28	24	10	0	0	0	0	0	0	0

END UIC 20132.

UIC 04621. DAILY SUMMARY OF ACQUISITICS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	SUB	INC	DEC	INC	ERI	SAI	TOTAL
		*****	*****	*****			
0	0	0	0	0	0	0	0
5	101	120	141	63	64	0	500
0	66	52	91	38	72	0	319
0	18	0	0	0	29	0	47
2	0	0	2	2	44	2	54
0	13	0	0	0	0	0	13
7	158	178	234	104	201	3	933
MONTHLY DEMAND							

MONTHLY DEMAND

***** JANUARY 1980 *****							
	0	1662	1670	1939	1958	1973	9422
	0						
	944	17	49	49	65	6	1149
	0	79	32	36	57	6	289
	3	33	22	89	48	301	527
	320	375	319	302	0	0	1702
MONTHLY DEMAND	1267	504	2123	2415	2128	2286	13089

MCNTRY & LIFE NAME

***** F-JUNIV 1980 *****									
	0	0	0	0	0	0	0	0	0
0	33	21	44	65	34	0	203	10	
0	53	52	22	67	0	1	215		
0	0	100	66	24	76	0	266		
2	42	61	67	14	33	0	302		
2	128	260	199	250	150	1	996		

ALLIANCE OF PEASANTS

MONTHLY DEMAND	***** MARCH *****				1980 *****			
	0	0	J	0	0	0	0	0
3	0	0	37	155	110	62	1	458
6	3	90	65	15	37	4	1	227
0	6	95	35	34	43	56	0	235
0	0	67	25	59	33	43	2	225
0	0	59	27	0	0	0	0	27
9	338	173	263	223	165	7	1175	

CENTRAL DEPENDENCY

CONTINUATION OF UIC 04221.

		APRIL		1980			
0	0	1	0	23	22	1	57
0	24	43	28	25	62	1	183
0	44	23	38	68	34	1	213
0	56	60	35	45	23	6	285
1734	781	32	75	0	0	0	2672
1734	905	214	236	171	141	5	3410

MONTHLY DEMAND

		MAY		1980			
0	0	0	0	14	41	0	55
0	132	325	23	55	53	1	593
1	49	53	174	42	39	0	362
0	57	322	35	37	8	1	470
3	1	64	30	62	1349	3	1516
4	239	785	262	211	1490	5	2996

MONTHLY DEMAND

		JUNE		1980			
0	45	20	17	68	63	12	226
2	61	80	360	50	124	30	707
2	26	27	169	67	23	0	312
1	86	43	331	34	22	2	522
2	21	0	0	0	0	0	23
7	239	171	877	219	232	45	1790

MONTHLY DEMAND

		JULY		1980			
0	0	76	76	35	0	0	191
1	28	17	14	28	41	4	143
0	61	34	328	37	27	5	992
18	23	27	917	27	7	5	1024
0	51	70	28	62	0	0	232
15	163	224	1663	224	75	14	2582

MONTHLY DEMAND

1575 *****

	0	0	0	0	0	0	0	0	465	0	465
	0	64	33	31	67	12	210	1	210	1	210
	0	61	52	690	17	27	849	2	849	2	849
	1	36	43	14	11	1	106	0	106	0	106
	2	19	d	4	2	115	0	151	0	151	0
	0	0	0	..	c	0	0	0	0	0	0
MONTLY DEMAND	3	180	133	739	58	620	1781	2	1781	2	1781

***** SEPTEMBER 1980 *****

	0	0	1	7	8	50	2	68
	0	0	1	3	6	49	4	65
	3	40	26	1062	1570	274	0	4172
	0	31	47	75	43	17	1	214
	27	22	54	0	0	3	0	108
MONTHLY DEMAND	27	93	135	1947	2027	390	7	4627

TOTAL DEMAND	3379	2587	4413	5942	5600	2300	33375
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Category	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397</
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CD's	NZ	9Y	1W	5J	9K	9C	0U	11	TX	5F	4T	CK	9I	5W	2Z
TOTAL	508	144	22	22	64	33	0	27	14	41	34	25	61	14	15

LOG	9A	9U	2T	9A	9H	4A	2F	5A	2S	8A	6U	8X	6H
TOTAL	6	54	47	60	117	212	22	32	72	106	11	9	1

CCG	4R	'05	14	2K				
TOTAL	52	196	15	65	10	0	0	0

END VUC 04621.

UIC 06648- DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	RCL	IUS	DECEMBER 1979				ERI	SAL	TOTAL
			MEU	ILB	ERI	SAL			

0	0	0	0	0	0	0	0	0	0
0	38	55	45	46	8	0	0	236	0
0	69	81	78	24	12	0	0	270	0
0	46	41	56	13	1	0	0	137	0
0	0	0	3	25	0	0	0	42	0
0	16	0	0	0	0	0	0	16	0
0	169	207	182	122	21	0	0	701	0
MONTHLY DEMAND									
***** JANUARY 1980 *****									
0	0	2	44	48	119	0	0	213	0
0	80	58	72	5	35	0	0	294	0
2	109	22	110	5	61	0	0	309	0
1	100	165	70	29	0	0	0	365	0
0	24	45	6	29	0	0	0	124	0
3	313	352	302	120	215	0	0	1305	0
MONTHLY DEMAND									
***** FEBRUARY 1980 *****									
0	0	0	0	0	8	1	1	9	0
2	23	44	56	18	14	0	0	157	0
0	61	30	21	21	35	2	2	180	0
0	16	56	28	28	24	1	1	203	0
0	40	16	112	42	30	0	0	240	0
2	140	185	217	129	111	4	4	789	0
MONTHLY DEMAND									
***** MARCH 1980 *****									
0	0	0	0	0	0	144	144	144	0
22	4	1	10	47	1811	58	58	1993	0
0	1755	1553	63	77	36	0	0	3526	0
0	49	30	17	3	65	0	0	170	0
0	55	26	198	0	1	0	0	190	0
0	5	0	0	0	0	0	0	5	0
22	1908	1621	175	127	1913	242	242	6028	0
MONTHLY DEMAND									

AD-A110 879

NAVAL POSTGRADUATE SCHOOL MONTEREY CA
PRE-CONSOLIDATION SUPPLY DEMAND PATTERNS OF NARF NORTH ISLAND A--ETC(U)
SEP 81 J M ROBERTSON

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END

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DTIC

CONTINUATION OF UIC 04649.

		APRIL		1980			
0	0	194	73	341	12	1	626
0	0	81	71	31	25	2	267
0	0	102	51	25	25	1	274
0	0	26	45	72	36	866	1118
3	3	129	22	0	0	0	179
3	3	338	424	470	115	670	2464

MONTHLY DEMAND

		MAY		1980			
0	0	0	0	24	23	1	48
1	1	7	0	18	10	1	66
0	0	10	23	14	1	0	51
0	0	47	52	51	34	0	252
1	1	1	67	62	23	2	183
2	2	65	143	186	91	4	600

MONTHLY DEMAND

		JUNE		1980			
0	0	74	36	9	17	4	159
3230	3230	1557	923	136	33	0	7962
2	2	141	28	22	86	0	361
3	3	70	52	32	26	0	185
0	0	2	0	0	0	0	2
3235	3235	3844	1041	159	162	4	8715

MONTHLY DEMAND

		JULY		1980			
0	0	222	44	46	7	1	320
0	0	78	63	128	13	0	333
0	0	33	35	52	34	0	278
0	0	131	843	39	6	0	1017
0	0	18	2	17	2	0	39
0	0	260	1222	229	65	1	1587

MONTHLY DEMAND

CONTINUATION OF UIC 04648.

		AUGUST 1980												
0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
0	0	6	12	4	3	0	0	0	0	0	0	0	0	25
0	0	1	0	0	0	0	0	0	0	0	0	0	0	10
1	3	35	25	25	22	5	0	0	0	0	0	0	0	131
0	13	16	40	22	14	1	0	0	0	0	0	0	0	104
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTHLY DEMAND	1	23	65	69	67	20	2	275						

SEPTEMBER 1980

0	4	23	13	16	5	0	0	0	0	0	0	0	0	0
0	30	55	47	67	31	0	0	0	0	0	0	0	0	230
2	120	53	1360	1556	1649	1566	6328							
1734	1655	22	109	3	3	0	3596							
0	45	3	0	0	0	0	45							
MONTHLY DEMAND	1736	1854	223	1229	1644	1008	1566	10266						

TOTAL DEMAND	5064	8914	5495	3211	3324	4409	2713	33130						
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COG	94	96	97	98	99	00	01	02	03	04	05	06	07	08	09
TOTAL	5094	495	7370	5563	1232	3433	2630	1473	32	54	59	48	462	59	29

COG	09	08	07	06	05	04	03	02	01	00	99	98	97	96	95
TOTAL	110	41	145	473	7	12	4	13	151	17	27	28	47	58	66

COG	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04
TOTAL	20	13	54	11	30	14	43	7	14	68	16	12	15	0	0

END UIC 04648.

UTC 00010. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	RCN	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	276	61	159	64	28	0	0	0	0	0	0	0	0	0	630
1	145	23	45	56	54	0	0	0	0	0	0	0	0	0	324
0	56	43	58	20	286	0	0	0	0	0	0	0	0	0	665
1	1	0	31	58	23	0	0	0	0	0	0	0	0	0	155
9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	29
13	498	129	333	238	391	0	0	0	0	0	0	0	0	0	1616
MONTHLY DEMAND															

***** JANUARY 1980 *****

SUB	RCN	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	35	421	30	0	0	0	0	0	0	0	0	0	487
2	60	66	317	47	524	0	0	0	0	0	0	0	0	0	1033
1	63	43	56	5	27	0	0	0	0	0	0	0	0	0	205
0	26	5	1	4	0	0	0	0	0	0	0	0	0	0	36
0	0	2	1	7	0	0	0	0	0	0	0	0	0	0	10
3	149	123	410	466	581	0	0	0	0	0	0	0	0	0	1771
MONTHLY DEMAND															

***** FEBRUARY 1980 *****

SUB	RCN	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	14
2	3	3	11	5	6	0	0	0	0	0	0	0	0	0	30
0	7	11	14	22	15	0	0	0	0	0	0	0	0	0	69
0	0	33	15	18	18	0	0	0	0	0	0	0	0	0	395
0	52	14	7	0	256	0	0	0	0	0	0	0	0	0	329
2	62	66	47	45	301	0	0	0	0	0	0	0	0	0	637
MONTHLY DEMAND															

***** MARCH 1980 *****

SUB	RCN	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	5	22	43	18	6	0	0	0	0	0	0	0	0	0	134
0	38	76	67	49	7	0	0	0	0	0	0	0	0	0	241
19	137	443	55	29	61	0	0	0	0	0	0	0	0	0	747
0	34	133	73	55	54	0	0	0	0	0	0	0	0	0	326
6	56	0	0	0	0	0	0	0	0	0	0	0	0	0	62
25	270	652	278	151	134	0	0	0	0	0	0	0	0	0	1510
MONTHLY DEMAND															

CONTINUATION OF UIC 0310.

		APRIL		1980			
		0	323	58	577	44	7
MONTHLY DEMAND	0	0	0	0	0	0	1014
	1	0	69	21	79	56	28
	2	0	35	63	1127	44	17
	3	0	119	33	118	22	110
	4	0	389	81	98	0	0
	5	0	612	523	1480	739	199
				MAY		1980	
				0		45	
MONTHLY DEMAND	0	0	0	0	0	56	2
	1	1	61	437	28	23	1
	2	3	58	17	505	22	0
	3	0	67	33	35	127	19
	4	1	0	28	66	59	22
	5	5	186	523	634	313	128
				JUNE		1980	
				0		32	
MONTHLY DEMAND	0	0	604	21	19	14	0
	1	3	79	4	2	1	1
	2	0	1	4	89	12	1
	3	0	43	12	84	14	17
	4	0	25	0	0	0	0
	5	0	752	41	194	45	33
				JULY		1980	
				0		14	
MONTHLY DEMAND	0	0	0	65	345	3	0
	1	0	38	15	50	38	6
	2	0	451	25	31	49	30
	3	0	54	114	63	383	39
	4	0	67	24	36	0	0
	5	0	610	247	225	484	75

CONTINUATION OF UIC 0810.

		AUGUST		1980			
0	0	0	0	0	14	C	14
0	0	650	21	25	97	0	014
0	0	56	444	45	13	0	602
0	0	62	123	69	94	1	411
1637	45	112	46	59	96	0	2035
0	0	0	0	0	0	0	0
MONTHLY DEMAND	1637	813	700	176	235	314	1 3876

SEPTEMBER 1980

0	0	0	33	46	55	1763	1762	3664
1818	1425	21	29	40	50	C	3383	254
0	15	205	10	0	3	20	0	46
0	29	7	3	0	7	0	C	11
0	0	11	0	C	0	0	1762	7358
MONTHLY DEMAND	1318	1469	286	88	55	1820	1762	7358

TOTAL DEMAND	4144	5421	3231	6265	2853	3984	2135	25997
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CCG TOTAL	1793	2676	5422	3621	842	1422	3633	20	90	5074	7	18	9F	4M	9V
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CCG TOTAL	40	1	18	1	164	86	69	97	24	15	20	15	542	2	13	4	22
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CCG TOTAL	6H	2	2	6	91	54	7	91	2H	6L	4	4	4	7	14	31	51	9J	9M	4R	28
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CCG TOTAL	9E	2	3	9	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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FAU UIC 0810.

UIC 03364. DAILY SUMMARY OF REQUIREMENTS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUA	MCN	JUN	MED	JUL	EBL	SAJ	INITIAL
0	0	0	0	0	0	102	102
156	102	195	138	1467	394	158	2630
238	58	31	24	129	5	1	546
1	45	4	1	59	70	0	220
0	0	0	256	5	2	0	263
1	52	3	0	0	0	0	53
356	257	277	419	1720	471	261	3814
MONTHLY DEMAND							
***** JANUARY 1980 *****							
0	0	0	18	51	1070	339	1478
0	55	41	61	101	84	92	434
85	137	53	30	190	87	162	780
96	105	56	252	112	18	0	679
0	267	63	58	0	0	0	393
181	564	264	449	454	1259	593	3764
MONTHLY DEMAND							
***** FEBRUARY 1980 *****							
0	0	0	0	0	48	0	48
17	214	40	79	151	508	1314	2329
718	638	1540	1362	1018	394	4	5379
0	0	26	60	5	8	0	103
1	3	5	15	0	1	0	31
756	755	1616	1216	1190	1039	1318	7890
MONTHLY DEMAND							
***** MARCH 1980 *****							
0	0	0	0	0	0	3	3
1	2	2	1	2	4	0	12
2	6	13	4	1	3	0	23
1	1	0	0	3	6	0	11
1	1	1	1	6	4	2	16
25	0	0	0	0	0	0	25
30	10	13	6	12	14	5	90
MONTHLY DEMAND							

CONTINUATION OF VIC 03364.

CONTINUATION OF UIC 03305.		***** APRIL		1980 *****			
0	0	0	0	0	42	64	1
0	0	1	1	1	1	2	0
0	1	1	3	3	1	6	12
3	4	3	3	3	6	5	2
0	5	3	3	3	0	0	0
3	11	7	10	10	44	77	15
MONTHLY DEMAND							167

15-00000

MONTHLY DEMAND	***** MAY		1980 *****				
	0	0	0	10			
0	0	0	0	10	3	2	15
0	4	1	0	0	33	1	39
5	2	1	1	1	3	10	23
0	1	4	1	1	2	1	10
2	0	1	4	3	6	2	18
7	7	7	6	15	47	16	105

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	3	1	9	4	7	0	8
29							
11	1	4	3	2	0	3	1
15	1	3	2	3	4	2	0
13	0	2	4	3	2	2	0
2	0	2	3	3	0	0	0
70	5	12	12	12	12	7	9

***** JULY *****

MONTHLY DEMAND	JULY 1980		JULY 1981		JULY 1982	
	0	3	0	8	0	2
16	0	0	0	0	0	3
13	0	0	2	1	0	3
17	0	1	1	1	4	1
9	2	0	1	0	3	3
9	1	0	2	5	0	0
64	3	3	11	13	9	10

CONTINUATION OF UIC 03364.		***** ADJUST *****		1980 *****	
	0	0	J	0	0
	2	326	287	112	0
	0	0	2	21	105
	207	536	384	210	205
	192	39	0	1	58
	0	0	J	0	0
MONTHLY DEMAND	401	901	677	152	412
					605
					543
					3891

MONTHLY DEMAND

***** SEPTEMBER 1980 *****

	0	121	172	168	194	178	873
	505	270	181	256	184	185	1966
	55	1	0	0	183	352	637
	207	134	100	91	103	104	1130
	23	7	0	0	3	0	53
MONTHLY DEMAND	830	533	473	515	669	820	4659

TOTAL DEMAND	2612	3279	3422	2454	4450	4197	3590	24514
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[illegible][illegible]

CCG	4R	TX	DA	9	CL	JA	11	5A	9	2S	4A	6N	6R
TOTAL	6	5	1	2	4	3	1	3	1	3	15	5	3

[illegible]

.....

END UIC 03364.

UIC 04620. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1975 THRU SEPTEMBER 1980

SUB	PLN	JUL	DEC	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
1	36	53	76	45	32	42	42	42	42	42	42	42	42	42	42	42	42	42	42	285
0	63	40	17	18	6	34	34	34	34	34	34	34	34	34	34	34	34	34	34	184
0	58	13	22	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141
0	0	0	2	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
7	197	105	117	51	57	136	136	136	136	136	136	136	136	136	136	136	136	136	136	714
MONTHLY DEMAND																				
***** JANUARY 1980 *****																				
0	0	0	16	24	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113
0	63	30	67	53	73	12	12	12	12	12	12	12	12	12	12	12	12	12	12	311
0	75	1226	1247	66	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2740
1	18	32	135	43	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	289
11	21	62	47	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178
12	177	1458	1512	223	236	13	13	13	13	13	13	13	13	13	13	13	13	13	13	3631
***** FEBRUARY 1980 *****																				
0	0	0	0	0	74	2	2	2	2	2	2	2	2	2	2	2	2	2	2	76
1	39	53	68	51	48	2	2	2	2	2	2	2	2	2	2	2	2	2	2	308
9	78	70	48	145	54	4	4	4	4	4	4	4	4	4	4	4	4	4	4	408
6	3	21	84	50	34	2	2	2	2	2	2	2	2	2	2	2	2	2	2	208
0	1489	63	75	53	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1785
16	1609	214	275	339	322	10	10	10	10	10	10	10	10	10	10	10	10	10	10	2789
***** MARCH 1980 *****																				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	28	14	40	19	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151
0	48	60	116	68	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	337
0	47	61	108	105	68	1	1	1	1	1	1	1	1	1	1	1	1	1	1	390
0	281	70	73	63	33	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1129
0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
1	1026	210	337	275	169	5	5	5	5	5	5	5	5	5	5	5	5	5	5	2029

CONTINUATION OF UIC 0-620.

CONTINUATION OF USC 04620.

		APRIL		1980			
		0	60	14	3	2	79
		1	0	0	0	0	1
		0	4	3	15	4	1
		0	4	5	6	24	47
		0	9	23	20	0	49
MONTHLY DEMAND	1	17	45	55	31	10	201
		MAY		1980			
		0	0	0	38	144	183
		0	36	52	22	27	168
		0	54	43	94	24	294
		0	60	63	1344	85	1345
		0	2	250	71	53	473
MONTHLY DEMAND	0	152	419	1251	281	357	2463
		JUNE		1980			
		0	55	43	48	43	246
		2	135	638	93	52	928
	1202		15	11	17	64	19
		0	15	55	70	39	42
	5		47	0	0	0	52
MONTHLY DEMAND	1209		267	767	418	208	2797
		JULY		1980			
		0	0	22	8	9	39
	3		0	0	0	2	9
		0	13	6	7	2	34
		0	4	45	928	28	18
		0	51	50	39	101	0
MONTHLY DEMAND	3	68	124	584	152	24	2

CONTINUATION OF UIC 04620.

		AUGUST		1980			
0	0	0	0	0	0	47	1 48
0	23	307	6	51	6	6	0 471
2	78	28	48	51	31	31	2 261
5	84	57	741	56	76	76	1 1020
0	65	53	133	53	42	42	0 313
0	0	0	0	0	0	0	0 0
MONTHLY DEMAND	7	250	522	496	231	232	5 2093

SEPTEMBER 1980

0	269	46	127	71	168	2	486
1	49	62	64	71	39	0	297
7	36	1496	53	58	67	6	1728
0	8	10	1	1	1	1	22
0	23	61	0	0	0	0	90
MONTHLY DEMAND	1	385	1681	260	201	275	12 2823

TOTAL DEMAND	1257	4148	5601	705	2012	1776	192 2097
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CCG	95	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
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UIC 20550. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	MCN	IUE	ALQ	IEU	EBI	SBJ	TOTAL
			DECEMBER 1979				
0	0	0	0	0	0	1	1
0	38	167	49	43	24	0	321
0	27	299	29	15	44	4	414
2	46	10	11	25	5	0	109
0	0	1	57	8	0	0	66
0	2	0	0	0	0	0	2
2	113	473	146	101	73	5	913

MONTHLY DEMAND

			JANUARY 1980				
0	0	3	30	51	26	2	109
0	56	113	43	20	68	2	324
0	18	56	33	44	26	0	237
0	88	26	27	83	21	22	267
1	71	52	23	61	0	0	208
1	233	207	156	279	161	26	1145

MONTHLY DEMAND

			FEBRUARY 1980				
0	0	0	0	0	12	0	12
6	59	43	46	257	15	0	467
3	20	36	7	14	3	3	86
0	0	13	10	40	25	0	90
0	14	36	50	8	35	0	143
9	93	127	113	359	34	3	798

MONTHLY DEMAND

			MARCH 1980				
0	0	0	0	0	0	0	0
0	24	24	26	14	19	0	107
0	22	13	12	45	16	2	116
13	19	13	35	19	8	0	110
0	154	27	13	21	2	0	217
281	36	0	0	0	0	0	317
294	255	82	86	103	45	2	867

MONTHLY DEMAND

CONTINUATION OF UIC 25550.

		APRIL		1980			
0	0	115	163	36	7	C	321
0	121	156	58	38	92	0	467
0	11	11	8	18	14	612	734
7	33	35	58	43	16	3	215
0	39	4	20	0	0	0	63
7	204	321	337	155	189	615	1800

MONTHLY DEMAND

		MAY		1980			
0	0	3	0	42	34	0	76
23	16	3	15	18	118	304	502
4	26	54	45	21	9	0	205
0	9	6	174	6	159	4	364
0	0	4	25	6	34	0	69
27	51	113	263	55	354	313	1216

MONTHLY DEMAND

		JUNE		1980			
1	27	46	9	12	86	7	188
2	48	43	9	119	91	64	376
94	17	51	186	15	25	0	462
1	75	64	47	26	150	0	363
0	39	3	0	0	7	0	39
98	206	284	251	246	352	71	1428

MONTHLY DEMAND

		JULY		1980			
0	0	129	24	28	0	2	194
3	12	22	18	67	341	5	562
526	982	911	1360	26	61	15	3627
14	59	210	118	76	104	30	617
23	38	32	16	43	0	0	242
560	1091	1436	1316	290	486	57	5242

MONTHLY DEMAND

CONTINUATION OF UIC 21550.

		AUGUST		1980			
0	0	0	0	0	0	0	91
0	0	0	0	0	0	0	323
2	36	42	15	40	10	0	185
0	47	53	24	53	63	12	255
25	61	36	10	0	6	1	151
9	0	0	0	0	0	0	9
40	228	217	137	225	181	16	1014

MONTHLY DEMAND

SEPTEMBER 1980

0	4	831	146	53	95	0	1839
0	6	73	25	10	31	0	148
0	219	1	128	602	34	0	1605
0	174	50	1303	28	10	181	1786
0	6	67	0	0	0	0	73
0	425	1035	1432	734	170	101	5451

MONTHLY DEMAND

TOTAL DEMAND	1044	2913	4291	3647	2567	2105	1285	19874
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CCG	91	92	93	94	95	96	97	98	99
TOTAL	1309	5156	191	3108	1970	2307	172	6	207

CCG	90	91	92	93	94	95	96	97	98
TOTAL	2485	156	445	19	3	48	18	24	17

CCG	90	91	92	93	94	95	96	97	98
TOTAL	44	20	18	2	2	1	12	3	1

END UIC 21550.

UIC 08066. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	MCB	INC	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	37	51	233	26	1581	22										1931
0	59	47	23	16	204	0										369
0	42	86	73	12	321	0										534
0	0	0	30	17	9	0										56
0	7	0	0	0	0	0										7
MONTHLY DEMAND	0	145	234	329	81	2115	22									2897

SUB	MCB	INC	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	56	38	38	35	45	17										274
0	410	63	72	48	77	17										693
1	873	73	134	50	50	21										1223
0	81	9	9	2	0	0										101
MONTHLY DEMAND	1	1420	195	257	1238	256	126									3495

SUB	MCB	INC	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	34	34	47	25	204	2										2640
1	662	57	28	31	50	0										831
1	1789	1033	14	58	21	1										2914
0	415	42	15	46	69	0										590
MONTHLY DEMAND	20	2900	1172	134	2154	832										7343

SUB	MCB	INC	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	604	112	108	257	22	0										1143
0	15	32	21	61	380	4										537
0	22	13	7	5	1	1										51
0	11	11	7	0	5	0										34
0	21	0	0	0	0	0										21
MONTHLY DEMAND	0	673	171	143	383	403	5									1786

CONTINUATION OF UIC 08006.

		APRIL		1980			
		0	1	58	1	47	0
0	0	58	52	25	24	26	11
0	1389	16	29	55	13	0	1542
2	32	13	29	28	24	0	128
1	16	42	43	0	0	0	102
3	1455	133	134	163	113	11	2096
MONTHLY DEMAND							

		MAY		1980			
		0	3	0	61	5	0
0	0	21	14	138	582	0	66
0	6	7	29	2	0	0	764
0	0	3	0	0	1	3	44
0	0	4	1	0	0	0	7
0	0	27	23	44	201	3	5
MONTHLY DEMAND							886

		JUNE		1980			
		0	3	0	0	0	0
0	0	0	4	0	0	1	5
0	0	36	0	1	0	0	39
0	0	0	1	0	2	0	3
0	0	0	0	0	0	0	0
2	0	30	5	1	2	1	47
MONTHLY DEMAND							

		JULY		1980			
		0	3	0	1	0	1
0	0	0	3	0	0	0	3
0	0	0	0	0	0	0	3
0	0	2	0	0	0	0	2
0	0	0	0	0	0	0	0
0	2	3	4	0	0	0	9
MONTHLY DEMAND							

CONTINUATION OF UIC 08836.

		***** ADJUST *****		1980 *****	
0	0	0	0	0	0
0	1	0	0	0	0
0	0	0	1	1	2
0	0	0	0	0	0
1	0	0	0	0	0
0	0	0	0	0	0
1	1	0	1	1	2

MONTHLY DEMAND

***** SEPTEMBER 1980 *****

0	0	0	0	0	0	0
0	1	0	0	0	0	2
0	0	0	0	0	0	0
0	0	0	0	1	0	4
0	2	0	0	0	0	7
0	3	0	0	1	0	13

MONTHLY DEMAND

TOTAL DEMAND		27	6666	1943	1370	2222	5635	1005	18575
--------------	--	----	------	------	------	------	------	------	-------

CCG	9L	9L	9L	9L	9L	9L	9L	9L	9L
TOTAL	1327	3696	1843	556	1023	2324	2636	3721	560

CCG	9F	2H	9H	4U	9D	6Q	1R	3U	9G	CG	2I	9H	KZ	9W	KL	9Y	FA	9A
TOTAL	6	21	40	49	21	4	10	1	2	1	2	2	575	15	0	92	3	7

CCG	9J	4A	6A	5K	4N	4L	7	0	0	0	0	0	0	0	0	0	0	0
TOTAL	6	1	1	3	9	4	7	0	0	0	0	0	0	0	0	0	0	0

END UIC 08836.

UIC 63327. DAILY SUMMARY OF REQUISITIONS FOR PLATONIC DECEMBER 1979 THRU SEPTEMBER 1980

SUN	MON	TUE	WED	THU	FRID	SAI	TOTAL
0	0	0	0	0	0	12	12
2	19	136	17	220	73	10	477
0	15	175	123	34	52	0	399
0	17	94	17	112	184	0	424
0	5	2	3	7	8	0	25
3	1	0	0	0	0	0	4
5	57	407	160	373	317	22	1341

MONTHLY DEMAND

***** JANUARY 1980 *****

0	0	14	14	280	22	0	335
0	50	43	19	103	52	0	319
1	16	124	28	60	44	0	278
0	18	124	43	15	138	0	343
0	14	173	24	7	0	0	218
1	98	545	128	425	256	0	1493

MONTHLY DEMAND

***** FEBRUARY 1980 *****

0	0	0	0	0	367	0	367
2	14	176	45	100	47	0	384
1	21	93	30	78	60	1	284
0	13	3	15	107	65	0	203
0	15	112	15	106	22	0	270
3	63	385	175	391	561	1	1508

MONTHLY DEMAND

***** MARCH 1980 *****

0	0	0	0	0	0	5	5
0	12	315	17	57	62	0	524
0	26	122	21	105	48	0	322
4	12	125	15	81	51	0	292
0	21	55	28	118	76	1	343
0	8	0	0	0	0	0	8
4	79	616	81	401	237	6	1494

MONTHLY DEMAND

CONTINUATION OF USC 43387.

		APRIL		1980			
	0	353	13	102	87	0	552
	0	49	114	116	61	2	351
	0	9	43	84	83	0	282
	0	35	107	25	6	0	142
	0	125	626	0	0	0	562
MONTHLY DEMAND	0	218	1091	321	234	2	1939

		MAY		1980			
	0	0	0	206	122	0	328
	0	64	72	54	65	1	356
	0	11	122	102	63	2	321
	0	20	201	117	50	3	435
	0	15	23	115	48	0	219
MONTHLY DEMAND	0	110	436	438	345	6	1659

		JUNE		1980			
	8	12	145	18	19	2	321
	1	60	14	119	113	0	360
	0	22	163	54	86	0	593
	0	7	76	107	49	0	253
	0	10	3	0	0	0	10
MONTHLY DEMAND	9	111	436	316	267	2	1517

		JULY		1980			
	0	0	12	51	2	0	425
	0	6	61	81	40	0	215
	0	7	72	76	59	0	224
	0	15	50	68	50	0	260
	0	52	32	11	0	0	153
MONTHLY DEMAND	0	80	331	327	151	0	1277

CONTINUATION OF UIC 61387.

		***** ADJUST		1980 *****	
		J	0	12	12
0	0	0	0	0	0
0	355	10	19	42	58
0	14	102	39	101	15
1	17	56	49	119	55
0	13	141	10	127	68
0	0	0	0	0	0
0	0	0	0	0	0
MONTHLY DEMAND	1	401	448	117	415
				263	3
					1658

***** SEPTEMBER 1980 *****

		***** ADJUST		1980 *****	
		J	0	12	12
0	2	3	20	324	98
0	11	31	11	60	53
1	25	132	14	74	44
1	7	83	17	65	63
2	33	114	0	0	0
4	78	334	62	543	258
MONTHLY DEMAND					2
					1341

TOTAL DEMAND 27 1295 5163 1552 4274 2895 44 15247

		***** ADJUST		1980 *****	
		J	0	12	12
0	0	0	0	0	0
0	355	10	19	42	58
0	14	102	39	101	15
1	17	56	49	119	55
0	13	141	10	127	68
0	0	0	0	0	0
0	0	0	0	0	0
MONTHLY DEMAND	1	401	448	117	415
				263	3
					1658

CCG TOTAL 51 2 5505 1558 10 331 1597 2450 15 18 284 54 24 1033 90 97 51 94

CCG TOTAL 51 2 5505 1558 10 331 1597 2450 15 18 284 54 24 1033 90 97 51 94

CCG TOTAL 51 2 5505 1558 10 331 1597 2450 15 18 284 54 24 1033 90 97 51 94

END UIC 61387.

UIC 03383. DAILY SUMMARY OF REQUISITIONS FOR PEACIC DECEMBER 1979 THRU SEPTEMBER 1980

SUB	MLD	IDE	DEU	IEU	E31	S31	TOTAL
***** DECEMBER 1979 *****							
0	0	J	0	C	0	2	3
37	15	1	0	1	0	1	55
2	5	2	4	0	1	0	14
0	2	2	5	0	0	0	9
2	1	1	1	6	46	0	51
0	2	J	0	0	0	0	2
41	25	6	10	1	47	4	134
MONTHLY DEMAND							
***** JANUARY 1980 *****							
0	0	1	6	3	1	2	14
4	17	1	2	2	1	2	30
4	0	1	1	2	3	26	38
0	0	1	1	4	5	2	13
2	7	J	18	12	7	C	43
10	24	7	28	26	10	33	138
MONTHLY DEMAND							
***** FEBRUARY 1980 *****							
0	0	J	0	0	0	31	39
7	5	7	2	6	6	5	38
4	6	13	18	75	74	22	210
3	471	620	164	7	75	55	1399
61	0	0	0	1	0	C	62
75	482	637	144	85	163	116	1748
MONTHLY DEMAND							
***** MARCH 1980 *****							
0	0	J	0	0	0	0	0
21	10	26	6	6	4	5	82
0	43	12	14	16	9	0	94
3	15	79	59	34	29	10	229
17	44	63	38	30	82	2	278
0	122	J	0	0	0	0	122
41	234	182	117	66	124	21	805
MONTHLY DEMAND							

CONTINUATION OF UIC 03303.

		APRIL		1980			
0	0	10	84	30	56	1	277
0	44	100	44	28	16	125	363
37	81	62	72	142	4	4	405
0	120	104	35	28	110	102	513
37	83	66	40	0	0	0	226
74	328	443	275	238	190	236	1784

MONTHLY DEMAND

		MAY		1980			
0	0	3	0	43	74	1	118
36	67	73	40	55	33	0	314
0	78	71	63	49	86	0	367
21	86	52	291	22	37	0	610
0	16	86	87	141	62	2	415
57	247	348	481	335	352	4	1824

MONTHLY DEMAND

		JUNE		1980			
10	24	33	86	30	67	0	305
0	89	105	35	176	40	0	505
0	38	135	145	33	22	0	373
27	30	100	36	11	19	1	224
40	40	3	0	0	0	0	80
77	226	423	362	250	149	1	1487

MONTHLY DEMAND

		JULY		1980			
0	0	85	79	51	4	0	223
0	60	25	126	60	92	44	427
50	92	114	201	73	34	4	608
2	45	133	102	63	253	117	785
54	156	72	72	57	3	0	475
150	353	503	590	364	383	185	2518

MONTHLY DEMAND

CONTINUATION OF UIC 01363.

		***** AUGUST 1980 *****			
	0	0	0	32	63
	1	20	11	26	714
	647	716	232	50	0
	3	102	157	77	61
	89	109	40	162	19
	4	0	0	0	0
MONTHLY DEMAND	744	938	493	365	857
					4148

***** SEPTEMBER 1980 *****

	0	1	76	42	63	1	269
	2	76	137	112	111	82	1
	112	41	45	104	171	99	78
	56	101	127	15	25	30	1
	0	43	11	0	0	0	54
MONTHLY DEMAND	170	262	373	273	392	274	81
							1823

TOTAL DEMAND	1439	3119	3618	2744	2147	2262	1540
							16409

CUG TOTAL	9L 724	9J 2879	7N 172	4P 1	5V 18	5N 2159	7J 2116	7K 13	1P 1078	1R 150	9Z 2569	CV 1288	5M 345	5C 1742	6Z 349
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CUG TOTAL	4G 225	4K 16	2H 76	5P 6	KZ 85	5Y 65	2M 131	1J 2	4R 12	6G 2	6X 9	9A 5	84 7	5F 16	2Z 13
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CUG TOTAL	9W 11	9D 5	11 3	51 4	9X 1	5 2	14 5	00 2	5N 2	25 5	91 2	2A 2	2E 1	4R 3	21 2
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CUG TOTAL	9S 2	4 2	4A 11	6A 1	TX 1	5P 3	6 6	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
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END UIC 01363.

UIC 53482. DAILY SUMMARY OF ACQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	SUB	INL	MEU	ILL	ERI	S&I	TOTAL
***** DECEMBER 1979 *****							
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	23	23
0	22	0	0	0	0	0	22
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	22	0	0	0	0	23	45
MONTHLY DEMAND							
***** JANUARY 1980 *****							
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	6
0	0	0	0	0	15	0	15
0	0	0	0	0	0	0	0
0	0	0	0	2	15	0	21
MONTHLY DEMAND							
***** FEBRUARY 1980 *****							
0	0	0	0	0	0	933	2935
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	31	0	0	0	521	0	552
0	0	0	0	12	0	0	12
0	31	0	0	12	2523	933	3499
MONTHLY DEMAND							
***** MARCH 1980 *****							
0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	14
0	12	31	0	0	2	0	105
0	0	0	0	0	0	0	0
0	24	0	0	0	0	0	24
0	1	0	0	0	0	0	1
0	37	113	0	0	2	0	149
MONTHLY DEMAND							

CONTINUATION OF UIC 53500.

		APRIL		1980			
		10	6	C			
0	0	0	0	0	0	0	16
0	30	20	0	0	0	0	50
0	1196	1352	1270	2852	2843	3	9601
0	0	0	0	14	10	0	24
0	21	16	7	0	0	0	44
0	1247	1390	1283	2900	2898	3	9735

MONTHLY DEMAND

		MAY		1980			
		0	0	51	7	10	68
0	0	0	0	0	0	0	44
0	32	12	0	0	0	0	0
0	0	0	0	0	0	0	51
0	51	0	0	0	0	0	0
0	0	0	0	0	0	0	163
0	83	12	0	51	7	10	163

MONTHLY DEMAND

		JUNE		1980			
		0	2	0	2	0	5
0	1	0	0	0	0	0	21
0	20	0	0	0	0	0	87
0	39	0	0	0	0	0	12
0	3	0	3	1	5	0	17
0	17	0	0	0	0	0	142
0	80	0	5	10	13	1	142

MONTHLY DEMAND

		JULY		1980			
		0	0	0	0	0	5
0	0	0	0	0	0	0	33
0	0	0	0	0	0	0	43
0	0	0	43	0	0	0	35
0	0	0	0	0	0	0	48
1	3	0	37	0	0	0	168
1	3	0	80	0	17	0	168

MONTHLY DEMAND

***** 15MAY 0861 *****

[illegible]

MONTHLY DEMAND

***** SEPTEMBER 1980 *****

MONTHLY DEMAND	0	0	31	0	0	0	33
	0	0	0	0	0	0	0
	0	0	0	3	0	0	0
	0	2	0	0	1	0	0
	0	0	1	0	0	0	0
	0	0	0	0	0	0	0
	0	0	2	0	0	0	0
	0	0	0	0	0	0	0
	0	2	0	3	1	1	0
	0	0	0	0	0	0	43

CENTRAL DEPT.

YCTAL UEMAN.)	1	1506	1673	1931	2585	5520	970	14032
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[illegible][illegible]

END UIC 53918.

UIC 20633. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 15/4 THRU SEPTEMBER 1980

JUN	JUL	AUG	SEP	OCT	NOV	DEC	***** DECEMBER 1975 *****												TOTAL	
							JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	14	1168	9	101	69	0	0	0	0	0	0	0	0	0	0	0	0	0	1361	0
0	103	51	40	26	2	0	0	0	0	0	0	0	0	0	0	0	0	0	239	0
0	7	42	20	305	76	0	0	0	0	0	0	0	0	0	0	0	0	0	457	0
1	7	2	0	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	131	1273	69	451	153	0	0	0	0	0	0	0	0	0	0	0	0	0	2086	0
***** JANUARY 1980 *****																				
0	0	0	0	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0
0	13	41	181	48	17	0	0	0	0	0	0	0	0	0	0	0	0	0	301	0
0	12	31	46	183	2	0	0	0	0	0	0	0	0	0	0	0	0	0	274	0
1	10	41	36	73	16	0	0	0	0	0	0	0	0	0	0	0	0	0	1071	0
0	31	23	22	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	0
1	66	132	289	385	35	0	0	0	0	0	0	0	0	0	0	0	0	0	1797	0
***** FEBRUARY 1980 *****																				
0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0
12	92	36	38	67	11	0	0	0	0	0	0	0	0	0	0	0	0	0	256	0
0	22	153	82	34	10	0	0	0	0	0	0	0	0	0	0	0	0	0	304	0
0	0	4	31	124	361	0	0	0	0	0	0	0	0	0	0	0	0	0	530	0
0	0	24	31	25	29	0	0	0	0	0	0	0	0	0	0	0	0	0	117	0
12	122	223	112	260	426	0	0	0	0	0	0	0	0	0	0	0	0	0	1222	0
***** MARCH 1980 *****																				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	49	13	32	14	43	0	0	0	0	0	0	0	0	0	0	0	0	0	148	0
0	54	322	30	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	454	0
0	36	143	23	62	161	0	0	0	0	0	0	0	0	0	0	0	0	0	533	0
7	65	18	45	26	266	0	0	0	0	0	0	0	0	0	0	0	0	0	427	0
0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0
7	214	503	133	154	477	0	0	0	0	0	0	0	0	0	0	0	0	0	1572	0

CONTINUATION OF UIC 23633.

		APRIL		1980			
0	0	33	6	25	12	C	78
3	29	54	22	40	6	0	141
0	14	54	37	42	8	0	159
0	26	27	21	21	3	0	110
1	35	23	22	0	0	0	83
1	104	131	138	126	29	C	571

MONTHLY DEMAND

		MAY		1980			
0	0	3	0	44	8	0	52
0	36	23	48	24	14	511	661
63	19	46	13	46	3	0	187
0	102	22	38	101	18	0	281
0	0	45	44	22	29	0	149
63	157	141	140	247	71	511	1330

MONTHLY DEMAND

		JUNE		1980			
11	37	47	50	74	73	1	295
81	50	102	42	37	45	0	357
0	16	31	45	15	35	0	146
9	13	22	27	14	5	0	100
5	24	0	0	0	0	0	29
106	140	214	164	144	158	1	927

MONTHLY DEMAND

		JULY		1980			
0	0	35	7	646	0	C	105
0	52	0	40	22	139	71	390
28	55	51	12	0	0	0	146
0	26	23	28	17	16	C	115
35	71	35	34	21	0	0	206
63	204	154	121	726	215	77	1570

MONTHLY DEMAND

***** JUL 51 1980 *****

MCN14LY JEMAYU

***** JEFFER 1940 *****

MONTHLY DEMAND

1135 1044 2575 1

.....

AS JC AV MI 96

SL	7	68	21
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

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UIC 65504. DAILY SUMMARY LT REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

RFR	RCH	INT	DEC	1979	1980	FBI	SBI	TOTAL
		*****	*****	*****	*****			
0	0	0	0	0	0	0	0	0
0	200	233	179	157	138	0	0	913
0	88	116	83	28	52	0	0	377
0	113	73	71	12	1	0	0	270
0	0	0	10	1	0	0	0	11
0	137	0	0	0	0	0	0	137
0	538	423	343	266	191	0	0	1708
MONTHLY DEMAND								
		*****	JANUARY	1980	*****			
0	0	0	0	66	3	64	0	133
2	62	93	83	104	56	0	0	400
1	92	65	51	66	51	0	0	326
0	50	144	101	42	44	0	0	425
0	57	42	70	60	0	0	0	269
3	301	384	371	279	215	0	0	1553
		*****	FEBRUARY	1980	*****			
0	0	0	0	0	35	0	0	35
0	58	46	41	34	12	0	0	191
0	36	63	94	70	131	0	0	394
0	0	15	45	51	64	0	0	275
0	89	32	54	56	122	0	0	363
0	183	216	244	251	364	0	0	1258
MONTHLY DEMAND								
		*****	MARCH	1980	*****			
0	0	0	0	0	0	0	0	0
0	77	44	11	64	24	0	0	229
0	33	20	112	77	98	0	0	342
0	24	61	60	75	35	0	0	255
0	13	78	22	54	43	0	0	210
0	32	0	0	0	0	0	0	32
0	177	212	205	274	200	0	0	1068
MONTHLY DEMAND								

CONTINUATION OF UIC 65584.

APRIL		1980		APRIL		1980	
0	54	53	28	58	0	197	0
0	66	46	55	104	40	0	0
0	50	33	58	49	0	0	0
0	53	60	33	41	61	0	0
0	53	72	53	0	0	0	0
0	222	211	252	224	258	0	0
MONTHLY DEMAND							
***** MAY *****							
0	0	0	21	37	0	0	0
0	32	31	92	4	0	0	0
0	100	111	87	3	0	0	0
0	94	105	6	51	104	0	0
0	0	71	57	26	58	0	0
0	226	331	242	274	208	0	0
MONTHLY DEMAND							
***** JUNE *****							
0	2	54	53	54	54	0	0
0	63	51	69	150	91	0	0
0	107	183	63	61	31	0	0
0	40	37	45	75	45	0	0
0	31	3	0	0	3	0	0
0	243	375	236	340	233	0	0
MONTHLY DEMAND							
***** JULY *****							
0	0	48	87	21	0	0	0
0	63	51	53	72	86	0	0
0	14	71	37	24	13	0	0
0	19	37	41	44	24	0	0
0	71	51	78	53	3	0	0
0	167	202	276	280	124	0	0
MONTHLY DEMAND							

CONTINUATION OF UIC 65504.

		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTAL	
UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	40	42	29	40	0	39	0	39	0	39	0	39	0	39	0
51	31	28	61	1	0	155	0	155	0	155	0	155	0	155	0
101	71	93	98	49	0	418	0	418	0	418	0	418	0	418	0
76	32	55	85	62	0	290	0	290	0	290	0	290	0	290	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	260	163	223	231	0	1135	0	1135	0	1135	0	1135	0	1135	0

MONTHLY DEMAND

SEPTEMBER 1980

UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	39	21	28	0	155	0	155	0	155	0	155	0	155	0	155
1	42	72	100	0	280	0	280	0	280	0	280	0	280	0	280
80	74	60	70	0	352	0	352	0	352	0	352	0	352	0	352
51	43	12	60	0	192	0	192	0	192	0	192	0	192	0	192
13	0	0	0	0	10	0	10	0	10	0	10	0	10	0	10
148	236	181	252	0	489	0	489	0	489	0	489	0	489	0	489

MONTHLY DEMAND

UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2465	2167	2514	2287	0	12767	0	12767	0	12767	0	12767	0	12767	0	12767

TOTAL DEMAND

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UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	236	181	252	0	489	0	489	0	489	0	489	0	489	0	489

TOTAL

UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	39	21	28	0	155	0	155	0	155	0	155	0	155	0	155
14	42	72	100	0	280	0	280	0	280	0	280	0	280	0	280
80	74	60	70	0	352	0	352	0	352	0	352	0	352	0	352
51	43	12	60	0	192	0	192	0	192	0	192	0	192	0	192
13	0	0	0	0	10	0	10	0	10	0	10	0	10	0	10
148	236	181	252	0	489	0	489	0	489	0	489	0	489	0	489

TOTAL

UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC	UIC
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	42	72	100	0	280	0	280	0	280	0	280	0	280	0	280

TOTAL

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END UIC 65504.

UIC 52706. DAILY SUMMARY OF ACQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

[illegible]

CONTINUATION OF UIC 52706.

	APRIL	1980		
0	0	2	108	0
2104	1	121	28	C
5291	23	0	131	0
0	45	12	11	C
2	0	5	0	0
7557	69	17	136	278
MONTHLY DEMAND				0
				110
				2865
				5448
				111
				8
				8542

	MAY	1980		
0	0	4	13	0
0	2	27	1	0
0	40	0	2	734
0	21	8	3	24
0	0	2	44	7
0	63	13	74	38
MONTHLY DEMAND				719
				0
				17
				37
				748
				57
				54
				913

	JUNE	1980		
2	4	0	10	3
0	8	0	6	0
0	23	4	10	3
0	5	6	2	247
0	3	0	0	0
2	43	10	28	253
MONTHLY DEMAND				101
				0
				21
				111
				42
				260
				3
				437

	JULY	1980		
0	0	28	15	0
0	0	1	25	65
0	216	33	14	2
0	25	1	24	7
0	2	11	4	1
0	243	71	82	76
MONTHLY DEMAND				16
				0
				43
				91
				278
				58
				20
				490

CONTINUATION OF UIC 52104.

		***** AUGUST *****		1980 *****			
0	0	3	0	0	1	0	1
0	36	2	0	2	16	0	56
0	47	4	0	128	2	0	221
0	32	20	1	12	2	0	67
0	35	3	6	67	41	0	149
0	0	3	0	0	3	0	0
0	150	66	7	205	62	0	494

MONTHLY DEMAND

		***** SEPTEMBER 1980 *****					
0	0	1	19	0	5	0	25
0	20	23	0	58	8	0	106
0	171	112	19	0	0	0	302
15	65	116	1	15	175	100	467
0	12	21	0	0	0	0	33
15	268	273	19	73	188	100	953

MONTHLY DEMAND

		***** SEPTEMBER 1980 *****					
1332	526	662	464	922	1419	155	12650

TOTAL DEMAND

		***** SEPTEMBER 1980 *****					
LOG	92	3277	1218	213	574	48	90
TOTAL	2178	3277	1218	213	574	48	90
LOG	21	95	3	217	24	87	12
TOTAL	3	3	217	24	87	12	12
LOG	21	95	3	217	24	87	12
TOTAL	2	2	94	58	20	4	5

TOTAL

END UIC 52706.

UIC 04080. DAILY SUMMARY OF ACQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUA	RCU	IUE	REQ	IBL	EMI	SAT	TOTAL
0	0	0	0	0	0	0	0
0	157	0	0	0	0	0	157
0	0	3	33	44	29	0	109
0	40	65	28	0	114	0	247
0	0	0	0	6	0	0	6
0	3	3	0	0	0	0	3
0	200	10	61	54	143	0	602
MONTHLY DEMAND							
***** JANUARY 1980 *****							
0	0	0	18	32	69	0	119
0	50	3	1	1	63	0	158
7	3	0	0	15	2	0	27
3	0	8	25	0	0	0	36
0	1	0	0	0	0	0	1
10	94	11	64	48	134	0	341
MONTHLY DEMAND							
***** FEBRUARY 1980 *****							
0	0	0	0	0	0	0	0
0	0	71	1	9	0	0	81
0	3	1	1	40	1	0	46
0	0	2	2	10	0	0	14
0	0	9	1	33	0	0	43
0	3	43	5	52	1	0	104
MONTHLY DEMAND							
***** MARCH 1980 *****							
0	0	0	0	0	0	0	0
0	13	133	0	2	0	0	149
0	49	0	0	0	40	0	89
13	0	25	0	0	0	0	39
0	6	17	0	7	1	0	31
53	1	0	0	0	0	0	54
66	69	176	0	10	41	0	362
MONTHLY DEMAND							

CONTINUATION OF UIC 04-030.

		APRIL		1980					
		0	0	0	27	32	0	59	
0	0	1	17	18	2	2	C	41	
0	0	0	0	1	20	0	0	21	
0	0	0	1	3	2	0	0	6	
0	29	12	2	0	0	0	0	43	
0	30	31	24	51	36	0	0	170	
MONTHLY DEMAND									
		MAY		1980					
		0	0	0	0	49	0	49	
0	0	1	1	2	14	0	C	17	
0	0	0	0	42	1	25	0	68	
0	0	0	0	0	6	27	0	33	
0	0	0	19	4	0	0	0	23	
0	1	0	53	25	101	0	0	190	
MONTHLY DEMAND									
		JUNE		1980					
		0	17	0	0	0	0	17	
0	0	0	11	26	2	22	C	61	
0	0	0	25	6	12	6	0	49	
0	4	41	5	5	5	5	0	70	
0	57	0	0	0	0	0	0	57	
0	61	100	17	23	33	0	0	254	
MONTHLY DEMAND									
		JULY		1980					
		0	0	1	0	0	0	1	
0	1	1	2	1	27	2583	0	2618	
0	0	30	4	33	11	4064	0	4417	
2	2	141	8	43	3	0	0	249	
0	4	0	24	3	0	0	0	31	
2	7	500	39	60	41	6647	0	7316	
MONTHLY DEMAND									

CONTINUATION OF UIC 04680.

		AUGUST		1960			
0	0	0	0	0	0	32	33
0	8	15	3	5	3	0	38
0	0	0	0	121	0	0	121
0	35	33	0	34	1	0	103
0	0	0	0	26	0	0	26
0	0	0	0	0	0	0	0
0	43	52	3	156	4	33	321

MONTHLY DEMAND

SEPTEMBER 1960

0	0	11	3	2	0	0	18
0	0	2	49	1	43	0	135
0	5	3	34	1	0	0	43
0	3	1	3	28	44	0	79
0	10	57	0	0	3	0	67
0	18	76	89	32	127	0	342

MONTHLY DEMAND

78	576	1133	365	641	659	6280	10082
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TOTAL DEMAND

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1172	2267	253	25	209	531	77	24	14	18	40	11	24	4	3	73	13	27	66	7	14	5	21	5	54	54	4	0	0	0	0	0

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
23	3	3	26	20	84	11	4	3	14	40	11	24	4	3	73	13	27	66	7	14	5	21	5	54	54	4	0	0	0	0	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
10	1	1	2	5	5	6	3	3	17	20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

END UIC 04680.

UIC 08354- DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUN	MLU	INR	DEC	JAN	FEB	SAI	TOTAL
			1979	1980			
0	0	0	0	0	0	0	0
0	104	71	91	150	2	0	405
0	202	53	28	68	76	0	432
0	49	81	33	72	1	0	238
0	0	0	73	83	79	0	235
0	0	0	0	0	0	0	0
0	355	211	225	352	158	0	1310
MONTHLY DEMAND							
***** JANUARY 1980 *****							
0	0	0	30	25	7	0	66
0	57	12	28	104	45	0	326
0	49	0	73	15	1	0	198
0	0	100	111	36	58	0	305
0	34	0	39	41	0	0	114
0	140	112	281	285	111	0	1009
MONTHLY DEMAND							
***** FEBRUARY 1980 *****							
0	0	0	0	0	50	0	50
0	25	0	1	127	61	0	214
0	41	51	1	224	64	0	380
0	0	34	29	38	0	0	101
0	2	77	75	27	69	0	290
0	68	151	136	456	244	0	1035
MONTHLY DEMAND							
***** MARCH 1980 *****							
0	0	0	0	0	0	0	0
0	22	0	22	48	147	0	239
0	34	14	0	61	113	0	221
0	36	10	0	25	76	0	147
0	0	37	54	72	1	0	165
0	39	0	0	0	0	0	39
0	131	66	76	207	317	0	817
MONTHLY DEMAND							

CONTINUATION OF UIC 68C94.

	APRIL		1980		
0	130	0	25	05	234
30	37	0	65	57	209
16	133	1	0	33	183
207	45	92	42	46	453
20	4	0	C	0	24
273	369	93	127	201	1103

MONTHLY DEMAND

	MAY		1980		
0	0	0	51	70	161
0	113	67	2	76	255
53	15	0	128	51	247
84	23	24	75	55	262
0	53	10	48	45	153
137	155	101	348	297	1078

MONTHLY DEMAND

	JUNE		1980		
23	18	1	61	19	122
92	17	20	71	0	200
75	17	2	70	45	209
21	33	27	182	2	266
55	3	0	0	0	55
266	85	50	385	66	852

MONTHLY DEMAND

	JULY		1980		
0	40	103	49	0	192
29	53	0	285	28	381
42	25	0	27	53	157
32	83	16	35	72	238
23	52	1	150	0	226
126	251	120	536	153	1194

MONTHLY DEMAND

938
0
101
157
712
652
54

968

1064
71
156
444
211
081

1064

R670

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UIC 68096. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUN	MON	TUE	WED	THU	FRI	SAT	TOTAL
0	0	0	0	0	0	0	0
0	26	17	0	460	0	0	583
0	42	15	0	6	0	0	202
0	16	33	25	0	2	0	396
0	0	0	1	25	0	0	26
0	0	0	0	0	0	0	0
0	84	634	26	451	2	0	1207

MONTHLY DEMAND

***** JANUARY 1980 *****

0	0	0	27	0	0	0	27
0	8	36	1	5	3	0	53
0	390	26	0	0	125	0	481
0	10	62	2	155	4	0	237
0	26	0	0	0	0	0	26
0	374	129	30	124	132	0	824

MONTHLY DEMAND

***** FEBRUARY 1980 *****

0	0	0	0	0	0	0	0
0	14	143	248	3	0	0	455
0	15	42	0	147	1	0	205
0	0	23	1	6	200	0	235
0	17	44	2	3	111	0	182
0	46	307	251	155	312	0	1077

MONTHLY DEMAND

***** MARCH 1980 *****

0	0	0	0	0	0	0	0
0	25	257	0	4	0	0	286
0	2	67	0	276	27	0	372
0	13	64	1	2	138	0	223
0	20	11	3	0	2	0	36
0	28	0	0	0	0	0	28
0	88	433	4	285	167	0	947

MONTHLY DEMAND

CONTINUATION OF UIC 68056.

	***** FALL		1980 *****		
0	0	120	1	1	107
0	0	7*	0	210	0
0	15	23	0	25	185
0	103	3	1	134	0
0	11	93	1	0	0
0	129	323	3	384	292
MONTHLY DEMAND					0
					1128

	***** MAY		1980 *****		
0	0	0	0	0	164
0	15	11	2	1	126
0	22	233	2	0	125
0	12	52	0	0	156
0	0	56	0	0	141
0	49	252	4	1	712
MONTHLY DEMAND					0
					1018

	***** JUNE		1980 *****		
0	2	120	0	4	165
0	27	43	5	1	1
0	36	3	1	245	1
0	24	0	3	1	0
0	1	0	0	0	0
0	90	163	9	251	167
MONTHLY DEMAND					0
					680

	***** JULY		1980 *****		
0	0	13	8	39	0
0	19	171	1	2	176
0	2	2*	58	2	199
0	18	65	0	0	0
0	0	8*	2	153	0
0	39	333	69	228	375
MONTHLY DEMAND					0
					1114

00000000 ON61 JS JLV 00000000

Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1950	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

***** JEFFER 1980 *****

56	0	1	282	0	369
33	0	1	107	0	176
34	1	2		0	58
137	0	246	2	0	406
2	0	0	0	0	28
203	1	300	392	0	1037

10-93	148	2741	2
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0	1	2	3	4	5	6	7	8	9
13	46	11	2	9	16	23	30	37	44
51	58	65	72	79	86	93	100	107	114
121	128	135	142	149	156	163	170	177	184
191	198	205	212	219	226	233	240	247	254
261	268	275	282	289	296	303	310	317	324
331	338	345	352	359	366	373	380	387	394
401	408	415	422	429	436	443	450	457	464
471	478	485	492	499	506	513	520	527	534
541	548	555	562	569	576	583	590	597	604
611	618	625	632	639	646	653	660	667	674
681	688	695	702	709	716	723	730	737	744
751	758	765	772	779	786	793	800	807	814
821	828	835	842	849	856	863	870	877	884
891	898	905	912	919	926	933	940	947	954
961	968	975	982	989	996	1003	1010	1017	1024

END UIC 64036.

DTIC 66001. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	FLN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	214	54	86	40	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	603
0	87	67	59	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	283
0	31	52	69	56	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	226
0	0	0	0	28	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	136	151	252	144	305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1168

MONTHLY DEMAND

***** JANUARY 1980 *****

0	0	0	11	41	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
0	23	25	15	10	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104
0	36	80	33	24	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
0	66	29	61	22	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	240
0	69	40	53	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	225
0	194	131	173	154	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	810

MONTHLY DEMAND

***** FEBRUARY 1980 *****

0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
0	38	74	132	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	280
0	78	76	59	49	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	339
0	0	14	86	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	126
0	16	135	120	132	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	416
0	132	271	367	285	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1183

MONTHLY DEMAND

***** MARCH 1980 *****

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	77	72	49	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	228
0	33	80	93	42	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	286
0	114	47	188	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	374
0	135	35	47	16	120	2	0	0	0	0	0	0	0	0	0	0	0	0	0	355
0	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
0	431	235	377	111	153	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1310

MONTHLY DEMAND

CONTINUATION OF UIC 68001.

APRIL		1980		APRIL		1980	
0	17	74	45	0	74	45	0
0	18	82	21	0	10	0	0
0	65	46	23	0	0	0	0
0	36	60	27	0	69	0	0
0	51	34	61	0	0	0	0
0	190	240	313	0	126	79	0
MONTHLY DEMAND							958

MAY		1980		MAY		1980	
0	0	0	101	0	0	0	0
0	49	72	52	0	116	0	0
0	55	44	146	0	0	0	0
0	27	31	73	0	41	0	0
0	0	21	36	0	41	0	0
0	131	175	421	0	413	157	0
MONTHLY DEMAND							1097

JUNE		1980		JUNE		1980	
0	73	121	59	0	17	0	0
0	72	63	113	0	0	0	0
0	166	42	41	0	129	0	0
0	75	32	66	0	72	0	0
0	129	0	0	0	0	0	0
0	515	252	418	0	274	146	0
MONTHLY DEMAND							1415

JULY		1980		JULY		1980	
0	0	113	58	0	0	0	0
0	57	67	27	0	0	0	0
0	14	53	35	0	52	0	0
0	10	122	59	0	0	0	0
0	12	42	74	0	0	0	0
0	93	312	255	0	249	52	0
MONTHLY DEMAND							1042

75
228
291
225
306
0
1125

174
201
56
141
62
636

0764

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UK 1

983

0

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UIC 61645. DAILY SUMMARY OF REQUISITIONS FOR PERIOD DECEMBER 1979 THRU SEPTEMBER 1980

SUB	SEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	26	15	4	26	0	0	0	0	0	0	0	0	69
0	33	1	12	10	0	0	0	0	0	0	0	0	0	56
0	9	0	33	1	4	0	0	0	0	0	0	0	0	53
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	42	31	60	15	31	0	0	0	0	0	0	0	0	179

MONTHLY DEMAND

SUB	SEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	14	16	2	0	0	0	0	0	0	0	0	32
0	12	17	8	5	11	0	0	0	0	0	0	0	0	57
0	19	7	14	23	13	0	0	0	0	0	0	0	0	76
0	22	14	11	7	8	0	0	0	0	0	0	0	0	66
0	33	14	12	28	0	0	0	0	0	0	0	0	0	990
0	86	56	59	52	34	0	0	0	0	0	0	0	0	1221

MONTHLY DEMAND

SUB	SEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
0	27	6	28	22	8	0	0	0	0	0	0	0	0	91
0	28	14	5	28	13	0	0	0	0	0	0	0	0	92
0	0	14	13	12	15	0	0	0	0	0	0	0	0	58
0	6	21	27	15	1	0	0	0	0	0	0	0	0	70
0	61	63	73	77	58	0	0	0	0	0	0	0	0	332

MONTHLY DEMAND

SUB	SEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	16	13	22	5	4	0	0	0	0	0	0	0	0	57
0	12	0	0	19	4	0	0	0	0	0	0	0	0	39
0	37	3	3	3	8	0	0	0	0	0	0	0	0	59
0	8	5	6	3	11	0	0	0	0	0	0	0	0	33
0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
0	80	27	31	30	27	0	0	0	0	0	0	0	0	195

MONTHLY DEMAND

CONTINUATION OF UIC 61245.

		APRIL		1980			
		0	11	3	7	4	C
0	0	0	11	3	7	4	C
0	44	12	13	12	13	13	0
0	11	34	20	5	5	8	0
0	2	2	8	12	12	3	0
0	5	2	2	0	0	0	0
0	62	63	45	41	28	244	C
MONTHLY DEMAND							
25							
95							
82							
27							
15							
244							
		MAY		1980			
		0	0	17	7	0 <td>24</td>	24
0	0	0	0	17	7	0	24
0	3	16	1	1	33	0	54
0	6	6	6	19	34	0	73
0	140	31	23	17	12	0	223
0	4909	5	12	11	0	0	4937
0	5058	63	42	45	86	C	5311
MONTHLY DEMAND							
24							
54							
73							
223							
4937							
5311							
		JUNE		1980			
		4	2	23	14	11 <td>54</td>	54
0	4	2	23	14	11	0	54
0	6	15	11	7	26	0	65
0	0	11	8	5	1	C	25
C	2	1	9	6	13	0	31
0	7	0	0	0	0	0	7
0	19	23	51	32	51	C	182
MONTHLY DEMAND							
54							
65							
25							
31							
7							
182							
		JULY		1980			
		0 <th>4 <th>8 <th>6 <th>0 <td>18</td> </th></th></th></th>	4 <th>8 <th>6 <th>0 <td>18</td> </th></th></th>	8 <th>6 <th>0 <td>18</td> </th></th>	6 <th>0 <td>18</td> </th>	0 <td>18</td>	18
0	0	4	8	6	0	0	18
0	7	3	10	5	12	0	37
0	4	16	3	6	3	C	32
C	10	3	8	3	11	0	35
0	11	3	8	6	0	0	30
0	32	23	37	28	26	0	152
MONTHLY DEMAND							
18							
37							
32							
35							
30							
152							

CONTINUATION OF UIC 61005.

		AUGUST		1980			
0	0	0	0	0	1	0	1
0	2	5	25	19	32	0	82
0	10	22	13	17	70	0	147
0	22	0	17	12	21	0	78
0	6	15	18	4	44	0	87
0	0	0	0	0	0	0	0
0	40	51	78	52	174	0	395

MONTHLY DEMAND

SEPTEMBER 1980

0	0	21	4	1	15	0	43
0	2	1	2	0	5	0	10
0	2	2	0	0	1	0	5
0	0	0	0	0	1	0	1
0	0	1	0	0	0	0	1
0	4	21	6	1	22	0	60

MONTHLY DEMAND

TOTAL DEMAND	873	5484	440	482	434	537	0	8271
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CCG	ON	10	90	52	90	18	34	3	91	90	91	92	93	94	95	96	97	98	99	00
TOTAL	5758	540	271	84	22	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31

CCG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
TOTAL	77	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72

CCG	95	17	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
TOTAL	3	17	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

END UIC 61005.

LOCAL CUSTOMER HIGH DEMAND ITEMS

[illegible][illegible]

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